P5 ① May - 2021

S No.	Paper ID	Cuorse	Sem	S Name	S Code	Status
1	1051	BAMS	4th	KAYACHIKITSA - I	BAMS-401-I	1
2	1052	BAMS	4th	KAYACHIKITSA - II	BAMS-401-II	1
3	1053	BAMS	4th	PANCHKARMA	BAMS-402	1
4	1054	BAMS	4th	SHALYA TANTRA-I	BAMS-403-I	1
5	1055	BAMS	4th	SHALYA TANTRA-II	BAMS-403-II	1
6	1056	BAMS	4th	SHALAKYA TANTRA- I	BAMS-404-I	1
7	1057	BAMS	4th	SHALAKYA TANTRA- II	BAMS-404-II	1
8	1058	BAMS	4th	RESEARCH METHODOLOGY AND MEDICAL STATISTICS	BAMS-405	1
9	1963	CBCS	1st	Indian Economy	CBOE-1111	1
10	1971	CBCS	3rd	Environment Pollution	CBOE-1113	1
11	2395	B.Com (Hons)	6th	FINANCIAL MANAGEMENT - II	BCH-302	1
12	2397	B.Com (Hons)	6th	INTERNATIONAL BUSINESS / TRADE	BCH-306	1
13	2398	B.Com (Hons)	6th	ACCOUNTING THROUGH COMPUTERS	BCH-308	1
14	2399	B.Com (Hons)	6th	CONSUMER AFFAIRS AND CUSTOMER CARE	BCH-310	1
15	2490	Diploma in Panchakarma therapy	2nd	Panchkarma - B	DPT-201	1
16	2680	B.Sc(N.M. & C.S.)	6th	ATOMIC AND MOLECULAR SPECTROSCOPY	PHY-302B	1
17	2733	B.Sc (M.S.)	6th	PLANT ECOLOGY	BOT-302A	1
18	2734	B.Sc (M.S.)	6th	ECONOMIC BOTONY	BOT-302B	1
19	2762	B.Sc (Home Science)	6th	NUTRITIONAL BIOCHEMISTRY-II	NBC_302	1
20	2800	CBCS	2nd	German	CBCS-1124	1
21	2956	LLM	2nd	LAW & JUSTICE IN GLOBALIZING WORLD	LAW_2005	1
22	2958	LLM	2nd	INTERNATIONAL HUMAN RIGHTS LAW	LAW 2008	1

23	2959	LLM	2nd	PRIVATE AND INTERNATIONAL LAW	LAW 2009		1
24	2961	LLM	2nd	ENVIRONMENTAL LAW	LAW 2011		1
25	2962	LLM	2nd	PUBLIC INTERNATIONAL LAW	LAW 2012		1
26	2966	LLM	2nd	COMAPNY LAW AND SOCIAL RESPONSIBILITY	LAW 2016		1
27	2967	LLM	2nd	INTELLECTUAL PROPERTY RIGHTS	LAW 2017		1
28	2968	LLM	2nd	COMMERCIAL ARBITRATIONS	LAW 2018		1
29	2969	LLM	2nd	EMPLOYMENT & SERVICE LAW	LAW 2019		1
30	2970	LLM	1st	International Organization and Humanitarian Law	LAW_2006		1
31	4013	B.Com (Hons)	6th	Financial Institutions	BCH-306		1
32	4015	B.Com (Hons)	6th	Busines Environment	BCH-310		1
33	2421	M.COM	4th	CORPORATE TAX PLANNING	MCM_2202		1
34	2423	M.COM	4th	Financial Statement Analysis	MCM-2206		1
35	2450A	M.Sc(Chemistry)	4th	INORGANIC SPECIAL-IV(Organotransition metal Chemistry)	CY(H)-401(A)		1
36	2451A	M.Sc(Chemistry)	4th	INORGANIC SPECIAL-V (ELECTRO ANALYTICAL CHEMISTRY)	CY(H)-402(A)		1
37	2452A	M.Sc(Chemistry)	4th	INORGANIC SPECIAL-VI(Medicinal Aspects of Inorganic Chemistry))	CY(H)-403(A)		1
38	4071	B.Com (Pass)	6th	TAXATION LAW-II	6.01		1
39	5001	Diploma in Yoga Science	2nd	Yoga And Health	DYS Theory 201		1
40	6101	CBCS	4th	Communication Skill in English	CBOE 1120		1
41	6104	CBCS	4th	Basic Statistics	CBOE 1110		1
42	6103	CBCS	4th	Enterpenurship Development	CBOE 1106		1

43	6109	CBCS	4th	State Politics in India	CBOE-1122	1
44	6110	CBCS	4th	AREA OF SOCIALWORK PRACTICE-II	CBOE-1118	1
45	6112	CBCS	4th	Area of Social Work Practice	CBCS-MSW-II	1
46	6115	CBCS	4th	RUSSIAN	CBOE-1126	1
47	6116	CBCS	4th	SOLID WASTE MANAGEMENT	CBOE_11 14	1
48	8002	B.COM (PASS)-MDU	6th	COST ACCOUNTING-II	6.02	1
49	8003	B.COM (PASS)-MDU	6th	FINANCIAL MANAGEMENT	6.03	1
50	8004	B.COM (PASS)-MDU	6th	AUDITING	6.04	1
51	8005	B.COM (PASS)-MDU	6th	GOODS AND SERVICES(GST) & CUSTOMS LAW	6.05	1
52	8006	B.COM (PASS)-MDU	6th	INTERNATIONAL MARKETING	6.06 (i)	1
53	8017	B.Com (Hons)-MDU	6th	PLANNING AND MANAGEMENT	BCH 6.02	1
54	8031	B.Sc (N.M.)-MDU	6th	REAL AND COMPLEX ANALYSIS	BM 361	1
55	8032	B.Sc (N.M.)-MDU	6th	LINEAR ALGEBRA	BM 362	1
56	8033	B.Sc (N.M.)-MDU	6th	DYNAMICS	BM 363	1
57	8034	B.A.-MDU	6th	REAL AND COMPLEX ANALYSIS	BM 361	1
58	8035	B.A.-MDU	6th	LINEAR ALGEBRA	BM 362	1
59	8036	B.A.-MDU	6th	DYNAMICS	BM 363	1
60	8049	B.A.-MDU	6th	English Compulsory		1
61	8056	B.A.-MDU	6th	PUBLIC ADD(RURAL LOCAL GOVERNMENT)	II	1
62	8061	B.A.-MDU	6th	EMERGING ISSUES IN PUBLIC ADMINISTRATION	PA-302	1
83	8001	B.com	6th	TAXATION LAW-2	6.01	1

(4)

Paper ID: 1051

BAMS Examination May, 2021

Semester: 4th

BAMS

Subject Name: Kayachikitsa-I

Paper ID: 1051
BAMS Examination May, 2021

Course: BAMS   **Semester: 4ᵗʰ**
Subject Code- BAM-401-I   **Subject Name: Kayachikitsa-I**

Time: 3 Hrs   **Max. Marks: 100**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions may be please be written below.

नोट: सभी प्रश्न अनिवार्य हैं |

भाग – 'अ'

1) (क) भेषज के प्रकार एवं नाम बताएं |

(ख) काय शब्द के पर्यायवाची लिखें |

(ग) षड क्रिया काल की अवस्थाओं के नाम लिखें |

(घ) रसघातु वृद्धि जन्य रोगों का चिकित्सा सूत्र लिखें |

(ड) व्याधि प्रत्यनीक् एवं उभय प्रत्यनीक् चिकित्सा का एक-एक उदाहरण दें |

(च) व्यानवायु जन्य विकारों में औषध सेवन काल लिखें |

(छ) मन के गुण लिखें |

(ज) औषध जन्य विकारों के कोई दो उदाहरण लिखें |

(झ) पर्यावरण प्रदूषण से सम्बन्धित रोगों के नाम लिखें |

(ञ) सामान्यज रोगों का चिकित्सा सूत्र लिखें | 2x10=20

2) मानस रोगों के चिकित्सा सिद्धांतों का विस्तृत वर्णन करें | 15

3) चिकित्सा में दोष, दूष्य, बल , काल एवं अग्नि का महत्व स्पष्ट करें | 15

भाग – 'आ'

4) (ट) Pneumonia में प्रयुक्त होने वाली किन्ही दो आयुर्वेदिक औषधियों के नाम लिखें |

(ठ) Typhoid में प्रयुक्त किन्ही दो आधुनिक औषधियों के नाम लिखें |

(ड) हृत् भूल की चिकित्सा में प्रयुक्त दो आधुनिक औषधियों के नाम लिखें |

(ढ) कामला रोग का चिकित्सा सूत्र लिखें |

(ण) Rheumatoin Anthritis में प्रयुक्त होने वाली किन्ही दो biological Inhibitors दवाओं के नाम लिखें |

(त) यूनानी चिकित्सा के अनुसार दोषों की संख्या एवं नाम लिखें |

(थ) Hypoglycemia का चिकित्सा सिद्धांत लिखें |

(द) प्लीहा दोष की चिकित्सा का सिद्धांत लिखें |

1

(ध) डेंगू की चिकित्सा में प्रयुक्त दो आयुर्वेदिक औषधियों के नाम लिखें |

(न) Hyperpyrexia की चिकित्सा में प्रयुक्त किन्हीं दो उपायों/औषधियों का नाम लिखें |

5) Hypertension रोग की चिकित्सा का विस्तृत वर्णन करें | 15

6) निम्न व्याधियों का Emergency treatment लिखें |

(प) Pancreatitis

(फ) Appendicitis   15

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6

Paper ID: 1052
BAMS Examination May, 2021

Course: BAMS   **Semester: 4ᵗʰ**
Subject Code- BAMS-401-II   **Subject Name: Kayachikitsa II**

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection
of questions may please be written below.

Note: Answer all questions

Part A
(Essay Type Question)

1. Explain the Nidana, Samprapti, Lakshana, Types and management of
Rajyakshma.   15
राज्यक्ष्मा रोग का निदान, सम्प्राप्ति, लक्षण, भेद व चिकित्सा का वर्णन करें |

2.(a) Write the Samprapti, Lakshana, and Chikista of Vata Vyadhi.   8
वात व्याधि की सम्प्राप्ति, लक्षण, व चिकित्सा का वर्णन करें |

(b) Write the etiopathagenesis, symptoms and management of Acid- Peptic
Disorder.   7
Acid- Peptic Disorder की etiopathagenesis, लक्षण व चिकित्सा का वर्णन करें |

(Short Answer Type Question)

3. What is difference between pink Puffers & Blue Bloasters?   2
Pink Puffer and Blue Bloater में क्या अन्तर है?

4. Write the Chikista Sutra of Pakshagata.   2
पक्षाघात रोग का चिकित्सा सूत्र लिखें |

5. Mention the sign and symptoms of Porkinsonism.   2
Porkinsonism के लक्षण बताये |

6. Write the Lakshana of Gradhrasi.   2
गृध्रसी रोग के लक्षण लिखें |

7. What is the difference between visuchika and Alasaka?   2
विसूचिका और अलसक में क्या अन्तर है?

8. Write the the sign and symptoms of Hyponatremia.   2
Hyponatremia के लक्षण बताये |

9. Write the different types of Azirma.   2
अर्जीण रोग के भेद बताये |

10. Write the Chikitsa of Jalodara.   2
जलोदर रोग की चिकित्सा बताये |

1

11. Write the lakshana of Kroshtukoshirsha. 2
कोष्ट्रकर्शिष रोग के लक्षण बताये |

12. Why Panchkarma is contraindicated in Urustambha? 2
उरुस्तम्भ रोग में पंचकर्म का निषेध क्यों है?

Part B
(Essay Type Question)

1. Explain the Nidana, Samprapti, Lakshana, types and management of Atisara Roga. 15
अतिसार रोग का निदान, सम्प्राप्ति, लक्षण, भेद व चिकित्सा का वर्णन करें |

2.(a) Explain the types and management of Mutrakricha. 8
मूत्रकृच्छ रोग के भेद व चिकित्सा का वर्णन करें |

(b) Explain the etiopathogonesis, sign-symptoms and management of Chronic Renal Failure.

Chronic Renal Failure की etiopathogenesis, लक्षण व चिकित्सा का वर्णन करें |

(Short Answer Types Question)

3. Define Medhya Rasayana with example. 2
मेध्य रसायन की परिभाषा उदाहरण सहित बताये |

4. Write the Chikitsa of Apasmara. 2
अपस्मार की चिकित्सा बताये |

5. What is Adravyabhuta Chikitsa? 2
अद्रव्यभूत चिकित्सा क्या है?

6. Write the Chikitsa of Galganda. 2
गलगण्ड रोग की चिकित्सा बताये |

7. Write the lakshana of Sandhigata Vata. 2
सन्धिगत वात के लक्षण बताये |

8. Write the treatment of Gonorrhoea. 2
Gonorrhoea की चिकित्सा बताये |

9. What is the difference between Unmade and Apasmara? 2
उन्माद व अपस्मार में अन्तर बताये |

10. Write the Chikitsa of Sathaulya. 2
स्थौल्य रोग की चिकित्सा बताये |

11. What are the sign and symptoms of BPH? 2
BPH रोग के लक्षण क्या है?

12. Name the different types of Ashmani with Lakshana. 2
अश्मरी के भेद लक्षण सहित बताये |

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8

Course: BAMS   **Semester: 4ᵗʰ**

Subject Code- BAMS-402   **Subject Name: Panchkarma**

Time: 3 Hrs   **Max. Marks: 100**

Note: If any, regarding the number of questions to be attempt and mode of selection
of questions may please be written below.

Part-I

Note: Attempt only ten short questions from 1 to 14.

Q1 What is "SALAVAN UPANAH SWEDA"?	2
Q2 Write any two Yoga of " SADHYO SNEHA"?	2
Q3 What are the types of LEPA?	2
Q4 What is YAVAGU?	2
Q5 What is the Anopana of Chaturvidh Sneha?	2
Q6 MENTION any two Snehvastivyopada and mere management?	2
Q7 Explain the preparation of Dhoomvarti?	2
Q8 What is the method of preparation of Niruma Basti.?	2
Q9 स्तंभ गौरव..................... complete the quotation with reference.	2
Q10 Write the emergency management of epistaxis?	2
Q11 How is Snena used according to Seasons?	2
Q12 What are the contents of MADHUTAILIKA Basti?	2
Q13 What are the types of GANDUSHA as per Vaghbhata?	2
Q14 What is Hypokalemia and its management?	2

LONG Explanatory Questions

Note: Attempt any two questions.

Q15 What is the definition, classification of Basti? Explain in detail about us
importance as Ardha Chikitsa?   15

Q16 Give a detailed note on Atiyoga, ayoga and samyak yoga lakshnas of vaman
Karma? Explain how to manage the complications of Voman Karma?   15

Q17 Describe collection, Processing and Preservation of Madanphala ? What is the
procedure and mode of action of Vaman Karma?   15

Part-II

Note: All questions are compulsory.

Q1 What is the dose of Pradhamana Nasya?	2
Q2 What are the medications of Raktmokshan?	2
Q3 Write a short note on Wax bath Therapy?	2
Q4 Write Raktmokshana Yogya Kala?	2

9

Q5 "HIRUDA MEDIACINALIS" short note. 2
Q6 Samyaka Yoga of VIRECHANA KARMA? 2
Q7 Short note on Sneha basti Pratyagaman Kala? 2
Q8 Ayugya of VIRECHANA KARMA? 2
Q9 Types of RAKTMOKSHAMA? 2
Q10 Where is Siravedha can be done in Pleha roga (प्लीहा रोग)? 2

LONG Explanatory Questions
Note: All questions are compulsory
Q11 Defination of Physiotherapy, its utility and detailed description of
Electromagnetic therapy? 15
Q12 Explain प्रतिमर्शश्चर्तुदशसु कालेषूपादेय: Write detail classification of Nasya along with
its mode of Action. 15

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10

Paper ID: 1054
BAMS Examination May, 2021

Course: BAMS   **Semester: 4ᵗʰ**
Subject Code- BAMS-403-1   **Subject Name: Shalya Tantra-I**

Time: 3 Hrs   **Max. Marks: 100**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions may please be written below.

Part-A
Note: All questions are compulsory. Each question carries equal 2 marks.

1. Central Council (Post Graduate Ayurveda Education) Amendment Regulations 2020.
   भारतीय चिकित्सा केन्द्रीय परिषद् (स्नातकोत्तर आयुर्वेद शिक्षा) संशोधन विनियम, 2020।

2. Dalhan
   डल्हण

3. Sushrut
   सुश्रुत

4. Three uses of Gandupadmukhi Shalaka (Probe)
   गंण्डूपदमुखीशलका के तीन उपयोग

5. Peratives of Agnikarma for Kadar Roga
   कदररोग में अग्निकर्म के लिए पश्चात कर्म

6. Complications of Lignocaine
   लिग्नोकेन के उपद्रव

7. Shastrakarma prescribed by Vagbhatt
   वाग्भट्टोक्त शल्यकर्मों के नाम

8. Dehydration
   निर्जलीकरण

9. Arshoyantra prescribed by Vagbhatt
   वाग्भट्टोक्त अर्शोयन्त्र

10. Acidosis
    एसिडोसिस

(Long Explanatory Questions)

11. Write Kshar Chikisavidhi in Arshroga.   15
    अर्श रोग में क्षार चिकित्सा विधि का वर्णन कीजिये।

12. Write the method of Local Anesthesia for Abscess, its probable complications and management of complications.
    विद्रधि की शल्य चिकित्सा के लिए स्थानीय संज्ञाहरण विधि एवं सम्भावित उपद्रव तथा उपद्रवों की चिकित्सा लिखिये।

Part-B

Note: All questions are compulsory. Each question carries equal 2 marks.

13. Symptoms of Ance
    पक्वव्रण शोथ के लक्षण

14. Symptoms of Samyak Dada
    सम्यक दग्द के लक्षण

15. Benefits of Bandaging
    बन्धन के लाभ

16. Contraindications for suturing
    सीवन कर्म के अयोग्य

17. Causes of Raynaud's disease
    रेनाड रोग के कारण

18. Vyakat Kriyakal in Arshroga
    अर्श रोग में व्यक्त क्रियाकाल

19. Diabetic Carbuncle
    प्रमेह पीडिका

20. Marma Medecine
    मर्म चिकित्सा

21. Haemangioma
    हेमांगीओमा

22. Aneurysm Needle
    एन्यूरिज्म सुई

(Long Explanatory Questions)

23. Write the causes sign symptoms, investigations and treatment methods of Pilonidal Sinus.   15
    पृष्ठगत नाडी व्रण के कारण, लक्षण, परिक्षण एवं चिकित्सा विधि लिखिये |

24. Write the causes, types, sign symptoms and treatment of hemorrhage.   15
    रक्तस्राव के कारण प्रकार, लक्षण एवं चिकित्सा लिखिये |

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12

Paper ID: 1055
BAMS Examination, May 2021

Course: BAMS   **Semester: 4th**

Subject Code- BAMS-403-II   **Subject Name: Shalya Tantra-II**

Time: 3 Hrs   **Max. Marks: 100**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below

Part – A

Note: All questions are compulsory. Each question carries equal 2 marks.

नोट: सभी प्रश्न अनिवार्य है | सभी प्रश्न 2 अंक के हैं |

1. Indian Medicine Central Counsil (Post Graduate Ayurveda Education) Amendment Regulations 2020

   भारतीय चिकित्सा केन्द्रीय परिषद् (स्नातकोत्तर आयुर्वेद शिक्षा) संशोधन विनियम,2020

2. Oesophagitis clinical features

3. गुल्म के कारण

4. अश्द्रवशूल के लक्षण

5. Inspection examine of a patient of Ascites

   जलोदर रोग मे दर्शन परीक्षा

6. X-ray reading for intestinal obstruction

   बद्धगुदोदर में क्ष-किरण पठन

7. Probing in a Bhagandar Roga (Fistula-in-ano)

   भगन्दर रोग में एषण कर्म

8. Causes of acute appendicitis

   तीव्र आन्त्रपुच्छ शोथ के कारण

9. Causes of Rectal Prolapse

   गुदभ्रंश के कारण

10. Rectal Polyp

(Long Explanatory Questions)

11. Write comparative analysis (Ayurveda and Modern) about types, general features and general therapeutic principles of fracture.   15

    भग्र के प्रकार, सामान्य लक्षण एवं सामान्य चिकित्सा सिद्धान्तों का तुलनात्मक (आयुर्वेद एवं आधुनिक मत) विवेचना कीजिए |

12. Write causes, types, sign symptoms and methods of treatment of Haemorrhoids

                                                                          15

    अर्श रोग के कारण, प्रकारानुसार लक्षण एवं चिकित्सा विधियाँ लिखिए |

13

Part – B

Note: All questions are compulsory. Each question carries equal 2 marks.

नोट: सभी प्रश्न अनिवार्य है | सभी प्रश्न 2 अंक के हैं |

13. Causes of Pancreatitis

    अग्राशयशोथ के कारण

14. प्लीहोदर चिकित्सा

15. Polycystic Kidney clinical features

16. Reading of KUB X-ray

    KUB एक्स-रे पाठन

17. Causes of Cystitis

    मूत्राशयशोथ के कारण

18. मूत्रकृच्छ के कारण

19. मूत्राघात के लक्षण

20. रक्तमुत्रता परिक्षण

21. Causes of Urethritis

    मूत्रमार्ग शोथ के कारण

22. वृद्धि रोग के प्रकार

(Long Explanatory Questions)

23. Write the causes sign symptoms, investigations and treatment of lever abscess

    15

    यकृत बिद्रधि के कर्ण, लक्षण, परिक्षण एवं चिकित्सा लिखिये |

24. Write the causes, sign symptoms, investigations and treatment of BPH.   15

    पौरुषग्रन्थिवृद्धि के कारण, लक्षण, परिक्षण एवं चिकित्सा लिखिये |

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14

Paper ID: 1056
B.A.M.S. Examination, May 2021
Course: B.A.M.S.   **Semester: 4th**
Subject Code- BAMS-404-I   Subject Name: Shalakya Tantra-I

Time: 3 Hrs   **Max. Marks: 100**

Note: If any, regarding the number of questions to be attempt and mode of selection
of questions, may please be written below

Part – A
(भाग – अ)

1. All questions are compulsory. Each question carries equal 2 marks.
   सभी प्रश्नों के उत्तर देना अनिवार्य है | प्रत्येक प्रश्न 2 अंक का है |

   i)   Write two features of Arma Chedana   2
        अर्म छेदन के दो लक्षण लिखिए |

   ii) Write the name of one Sadhya and one Asadhya Disease of Vartma   2
        वर्त्मगत एक साध्य एवं एक असाध्य रोग का नाम लिखिए |

   iii) Write the general pathogenesis of Eye Disorders   2
        नेत्ररोगों की सामान्य सम्प्राप्ति लिखिए |

   iv) Explain the Shalaka and used in the surgical treatment of Kaphaja
        Linganasha.   2
        कफज लिंगनाश शस्त्र कर्म में वर्णित शलाका का वर्णन कीजिए |

   v)   Write the Panchabhautika Composition of Eye   2
        नेत्र का पंचभौतिकत्व लिखें |

   vi) Write the clinical features of Anytovata.   2
        अन्यतोवात का लक्षण लिखें |

   vii) Write the types of Corneal Opacity   2
        Corneal Opacity के प्रकार लिखें |

   viii) Define Entropion and Ectropion   2
        Entropion and Ectropion की परिभाषा लिखें |

   ix) Write the prognosis of Adhimantha according to Ayurveda   2
        अधिमन्थ रोग की साध्यसाध्यता आयुर्वेदानुसार लिखिए |

   x)   While mentioning the number of Sandhigata Roga, name the incurable
        (Asadhya) Sandhigata Rogas.   2
        संधिगत रोगों की संख्या लिखते हुए असाध्य संधिगत रोगों के नाम लिखें |

2. Attempt any Two questions from the following. Each question carries 15
   marks.
   निम्नलिखित में से किन्हीं दो प्रश्नों के उत्तर लिखिए | प्रत्येक प्रश्न 15 अंक का है |

i) While mentioning the number of netra rogas classify them according to dosha, according to site and according to the treatment. 15

नेत्र रोगों की संख्या लिखते हुए दोष भेद, आश्रय भेद एवं चिकित्सा भेद से रोगों का वर्गिकरण करें|

ii) Explain in detail about the different types of Refractive Error along with their management. 15

नेत्र में होने वाले विभिन्न परावर्तनजन्य विकारों का विस्तृत उल्लेख करते हुए उनको दूर करने के उपायों का वर्णन करें |

iii) While mentioning causes, clinical features and treatment of Puyalasa disease, explain Acute and Chronic Dacrocystitis. 15

पूयालस रोग के कारण, लक्षण एवं चिकित्सा लिखते हुए Acute and Chronic Dacrocystitis का वर्णन कीजिए |

Part – B

3. All questions are compulsory. Each question carries equal 2 marks.

सभी प्रश्न के उत्तर देना अनिवर्य है | प्रत्येक प्रश्न 2 अंक का है |

i) Write the clinical features and surgical treatment used for Anjananamika 2

अंजननामिका के लक्षण एवं शत्र चिकित्सा का नाम लिखें |

ii) Write the treatment of Pakshmakopa 2

पक्ष्मकोप की चिकित्सा लिखें |

iii) Explain features of Drishti according to Ayurveda 2

आयुर्वेदमतानुसार दृष्टी का स्वरूप लिखें |

iv) Differentiate between Aschyotana and Seka 2

आश्च्योतन एवं सेक में अन्तर लिखें |

v) Differentiate between Conjunctival congestion and Ciliary congestion. 2

Conjunctival congestion एवं Ciliary congestion में अन्तर बतायें |

vi) Write clinical features of Hriswajadya 2

ह्स्वजाडय के लक्षण लिखें |

vii) Name the dosha involved in Arjuna disease along with its clinical features 2

अर्जुन रोग में प्रकृपित दोष व लक्षण लिखें |

viii) Write the treatment of Krimigranthi. 2

कृमिग्रन्थि की चिकित्सा लिखें |

ix) Write down the types of Diabetic Retinopathy 2

Diabetic Retinopathy के प्रकार लिखें |

x) Write the Samanya Poorvarupas of Netra Rogas 2

नेत्ररोगों के सामान्य पूर्वरूप लिखें |

4. Attempt any Two questions from the following. Each question carries 15 marks.

निम्नलिखित में से किन्हीं दो प्रश्नों के उत्तर लिखिए | प्रत्येक प्रश्न 15 अंक का है |

i) While explaining all the components of Kriya kalpas in detail, Prove their efficacy in various eye diseases.   15

क्रियाकल्प के अवयवों का विस्तारपूर्वक वर्णन करके नेत्ररोगों में उनकी उपयोगिता सिद्ध करें |

ii) While mentioning causes, clinical features and treatment of Abhishyanda disease, explain Vernal Kerato Conjunctivitis (VKC)   15

अभिष्यंद रोग के कारण, लक्षण, व चिकित्सा बताते हुए Vernal Kerato Conjunctivitis (VKC) का वर्णन करें |

iii) Write short notes on following: 3X5=15

निम्नलिखित पर संक्षिप्त टिप्पणी लिखें |

a) Swasthavritta for benefits of Netra
   नेत्रोपयोगी स्वस्थवृत

b) Amblyopia
   एंबीलोपिया

c) Hypertensive Retinopathy
   उच्च रक्तचाप से ग्रस्त रेटिनोपैथी

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Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below.

Part – A

Note: Each question carries 2 marks and all questions are compulsory.
प्रत्येक प्रश्न 2 अंकों का है तथा सभी प्रश्न अनिवार्य हैं |

1. Explain the classification of Shivoroga as per various Acharyas.   2
   विभिन्न आचार्यों द्वारा शिरोरोगों का वर्गिकरण बताएं |

2. Describe in short about upsheershak.   2
   उपशीर्षक का संक्षेप में वर्णन करें |

3. Mention the name of 15 patterns of plastic repair of Ear.   2
   'पञ्चदशकर्धबन्धनाकृत्य' के नामों का वर्णन |

4. Describe various etiolegies of Karnshool (otalgia).   2
   कर्णशूल के विभिन्न कारणों का वर्णन करें |

5. Mention the symptoms & sign of DushtPralishyay.   2
   दुष्ट प्रतिश्याय के लक्षणों का वर्णन करें |

6. Describe the line of treatment for Nasagata Raktapitta (epristaocis).   2
   नासागत रक्तपित्र के चिकित्सा सूत्र का वर्णन करें |

7. Describe in short about Karnpoorna.   2
   कर्णपूरण का संक्षेप में वर्णन करें |

8. Mention the number and name of Kanthagata Roga.   2
   कण्ठगत रोगों की संख्या व नाम बताएं |

9. Mention the importance of Stapedial Reflex.   2
   Stapedial Reflex की उपयोगिता बताएं |

10. Describe in short about Dantharsh.   2
    दंतहर्ष का संक्षेप में वर्णन करें |

नोट: किन्हीं दो प्रश्नों के उत्तर अनिवार्य हैं | प्रत्येक प्रश्न 15 अंक का है |

11. Explain Aardhavbhedak (Migraine) in detail as per Ayd. modern view point.   15
    अर्धावभेदक का उभयनतानुसार वर्णन करें |

12. Describe Karnsrava (csoin) in detail as per Ambivatently and Modern view point.   15
    कर्णस्राव का उभयनतानुसार वर्णन करें |

13. Describe in detail about hoarseness of voice.   15
    स्वरभेद का उभयनतानुसार विस्तृत वर्णन करें |

Part-B

नोट: इस भाग के सभी प्रश्न अनिवार्य हैं |

14. Mention the name of 5 Tail used in the treatment of KarnaRoga.   2
    कर्णरोगों में प्रयुक्त 5 तैल योग के नाम बताएं |

15. Mention the treatment for Kshyaj Shirshool.   2
    क्षयजशिर:शूल की चिकित्सा लिखें |

16. Mention the treatment for vatic Pratishyay.   2
    वातिक प्रतिश्याय की चिकित्सा लिखें |

17. Mention the treatment for Khandoshth.   2
    खण्डोष्ठ की चिकित्सा का वर्णन करें |

18. Describe Jalandhar Bandh.   2
    जलंधरबध के विषय में लिखें |

19. Mention the examination of Tympanic Membrane.   2
    कर्णपटल (Tympanic Membrane) की परिक्षण विधि लिखें |

20. Mention the treatment for Krimi Dant.   2
    कृमिदंत की चिकित्सा बताएं |

21. Mention the treatment for Galshundika (Adenoids).   2
    गलशुण्ठिका की चिकित्सा लिखें |

22. Mention the treatment for KarnaPratinah (Tympanic Membrance Perforation).   2
    कर्णप्रतिनाह की चिकित्सा लिखें |

23. Mention the treatment for Otosclerosis.   2
    Otosclerosis की चिकित्सा का वर्णन करें |

नोट: किन्हीं दो प्रश्नों के उत्तर अनिवार्य हैं |

24. Describe NasaArsha (Nasal Pelyp) in detail as per Ayd. and Modern view point.   15
    नासार्श का उभयमतानुसार वर्णन करें |

25. Describe Bhadirya (Deafness) in detail as per Ayd. and Modern view.   15
    बाधिर्य का उभयमतानुसार वर्णन करें |

26. Describe Tundikeri (Tonsillitis) in detail as per Ayd. and Modern view point.   15
    तुण्डीकेरी का उभयमतानुसार वर्णन करें |

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Paper ID: 1058
B.A.M.S. Examination, May 2021

Course: B.A.M.S.   **Semester: 4th**

Subject Code- BAMS-405   **Subject Name: Research Methedology & Medical Statistics**

Time: 3 Hrs   **Max. Marks: 50**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below

Part – A

Short Answer Type Questions   2x6=12

1) Define Anusandhana?
2) Write the composition of IEC?
3) Write a short note on hypothesis?
4) Write the importance of IT in data mining?
5) Explain the classifications of research?
6) Mention the steps of research process?

Long Explanatory Questions   9x2=18

7) Write in detail about Pramana as a research tool?
8) Write the scope, need and importance of research in Ayurveda?

Part – B

Short Answer Type Questions   2x4=8

1) Write the difference between population and sample
2) Normal Distribution
3) Define standard error
4) Pictogram

Long Explanatory Questions   6x2=12

5) What are the methods of Presentation of Data with graph?
6) What is the Scope & Importance of medical statistics?

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20

Paper ID : 1963

MA Economics Examination, May 2021

Course : MA Economics   **Semester : 3th**

Subject Code- CBCS ECO-II   **Subject Name : Indian Economy**

Time: 3 Hrs   **Max. Marks: 80**

Ques No.1 All parts are compulsory and each part carries equal marks.   2x8=16

a) Define HDI.

b) Write any two measurement of poverty.

c) Write any two characteristic of NITI AYOG.

d) Write any two impact of green revolution in India.

e) Define new economic policy.

f) What is globalization? Write any two impact of globalization on Indian economy.

g) Define surplus trade balance.

h) Distinguished between small scale and cottage industry.

UNIT-1

Q.2 a) Explain nature, features and problem of Indian economy in detail.

   b) Write a note on parallel economy in India.   8x2=16

OR

Q.3 Critically examine all measurements of inequality in India in detail.   16

UNIT-2

Q.4 a) Differentiate between planning commission and NITI ayog in detail.

   b) Critically examine the major issues of Indian agriculture after
      independence.   8x2=16

OR

Q.5 Critically examine various industrial policy of India after independence.   16

UNIT-3

Q.6 a) Describe objectives and achievements of economic planning of Indian
        economy.

   b) Explain components of fiscal and monetary policy in detail.   8x2=16

OR

Q.7 a) Write a note on centre- state finance relation.

   b) Critically examine new economic policy in India.   8x2=16

UNIT-4

Q.8 a) Discuss direction and composition of foreign trade in India.

   b) Write a note on FDI in India.   8x2=16

OR

Q.9 a) Write a note of trend in India balance of trade after independance.

   b) Critically examine the impact of Globalisation on Indian economy.   8x2=16

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Course: CBCS   Semester: 3rd

Subject Code- CBOE-1113   Subject Name: Environmental
                                                                    Pollution

Time: 3 Hrs   Max. Marks: 80

Note: If any, regarding the number of questions to be attempt and mode of selection
        of questions, may please be written below.

Note: Attempt five questions in all by selecting at least one question from each unit
     along with Q. No.1 which is compulsory. All questions carry equal marks.

Q.1 Write short notes on: 4x4=16
    निम्नलिखित पर संक्षिप्त नोट्स लिखें
    (i) Secondary air pollutants
        माध्यमिक वायु प्रदूषक
    (ii) Significance of BOD
        बोओडी. का महत्व
    (iii) Soil formation
        मिट्टी का निर्माण
    (iv) Noise level standards
        ध्वनी प्रदूषण मानक

Unit-1
इकाई-1

Q.2 Define the term particle. Describe the sources and effects of particles.
    Enumerate the various techniques used to control the particle matter.   16
    कण शब्द की परिभाषा दीजिए | पार्टिकुलेट के स्रोतों और प्रभावों का वर्णन करें | पार्टिकुलेट मैटर
    को नियंत्रित करने के लिए उपयोग की जाने वाली विभिन्न तकनीकों की सूची बनाएं |

Q.3 Write short notes on: 2x8=16
    संक्षिप्त नोट्स लिखें :
    a) Effects of air pollution on plants
        पौधों पर वायु प्रदूषण का प्रभाव
    b) Photochemical smog and its effects
        फोटोकैमिकल स्मॉग और उसके प्रभाव

Unit-2
इकाई-2

Q.4 Briefly discuss the composition of domestic and industrial waste waters. What are the basic differences between them? 16

घरेलू और औद्योगिक अपशिष्ट जल की संरचना की संक्षेप में चर्चा कीजिए | उनके बीच बुनियादी अंतर क्या हैं?

Q.5 What do you mean by waste water treatment? Discuss in brief about domestic waste water treatment process with the help of neat and clean diagram. 16

अपशिष्ट जल उपचार से आप क्या समझते हैं? स्वच्छ एवं चित्र की सहायता से घरेलू अपशिष्ट जल उपचार प्रक्रिया के बारे में संक्षेप में चर्चा करें |

Unit-3
इकाई-3

Q.6 How modern agricultural practices polluting the soil? Discuss in detail. 16

आधुनिक कृषि पद्धतियाँ किस प्रकार मिट्टी को प्रदूषित कर रही हैं? विस्तार से चर्चा करें |

Q.7 Define the term soil pollution. Discuss briefly about control of soil pollution. 16

मृदा प्रदूषण शब्द की परिभाषा दीजिए | मृदा प्रदूषण के नियंत्रण के बारे में संक्षेप में चर्चा करें |

Unit-4
इकाई-4

Q.8 Briefly describe the sources, effects and control of noise pollution. 16

ध्वनी प्रदुषण के स्रोतों, प्रभावों और नियंत्रण का संक्षेप में वर्णन करें |

Q.9 Discuss various sources of marine pollution. How can you prevent the pollution of our oceans? 16

समुद्री प्रदूषण के विभिन्न स्रोतों की चर्चा कीजिए | आप हमारे महासागरों के प्रदूषण को कैसे रोक सकते हैं?

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Paper ID: 2395

B.Com (Hons.) Examination May, 2021

Course: B.Com (Hons.)   Semester: 6ᵗʰ

Subject Code- BCH-302   Subject Name: Financial Management-II

Time: 3 Hrs   Max. Marks: 80

Note: Attempt five question in all by selecting one question from each unit in addition compulsory Question No. 1. All question carry equal marks.

1. i. Discuss the nature of working capital.   2x8=16
   ii. Write a short note on management of working capital in India.
   iii. What is cash budget?
   iv. Distinguish between a deposit float and bank float.
   v. Explain the objectives of receivables management.
   vi. What do you mean by inventory management?
   vii. Discuss the characteristics of commercial paper.
   viii. What is meant by trade credit?

Unit-I

2. "One of the two key objectives of working capital management is to ensure liquidity". Comment.   16

3. The Management of a company has called for a statement showing the working capital needed to finance a level of activity of 30,000 units of output for the year. Cost structure for the Co's product for the above mentioned activity level is detailed below: 16

Cost per unit	Rs.
Raw Material	20
Direct Labour	05
Overheads	15
Total Costs	40
Profit	10
Selling Price	50

   a) Raw Materials are held in stock, on an average, for two months.
   b) Work-in-progress (100% completed in regard to materials and 50% for labour and overheads) will approximately to be half a month's production.
   c) Finished goods remains in warehouse, on an average, for a month.
   d) Suppliers of materials give a month's credit.
   e) Two month's credit is allowed to debtors. Calculate of debtors may be made at selling price.

f) A minimum ash balance of Rs. 25,000 is expected to be maintained.

g) 30% of the production is sold cash.

h) It may be assumed that production is continued evenly throughout the year.

Unit-II

4. "Efficient cash management will aim at maximising the cash inflows and showing cash outflows". Comment. 16

5. What do you mean by marketable securities? Discuss the criteria used for selection of marketable securities. 16

Unit-III

6. A firm sell 40,000 units of its product per annual @ Rs. 35 per unit. The average cost per unit is Rs. 31 and the variable cost per unit is Rs. 28. The average collection period is 60 days. Bad debts losses are 3% of sales and the collection charges amount Rs. 15,000.

     The firm is considering a proposal to follow a stricter collection policy which would reduce and debt losses to 1% of sales and the average collection period to 45 days. It would, however, reduce sales volumes by 1,000 units and increase the collection expenses to Rs. 25,000.

     The firm's required rate of return is 20%. Would you recommend the adoption of the new collection policy? Assume 360 days in a year for the purpose of your calculation. 16

7. "The management of inventory must meet two opposing needs". What are they? How is balance brought in these two opposing needs? Explain. 16

Unit-IV

8. Discuss in detail the version approaches to determine an appropriate financing mix to working capital. 16

9. What do you mean by working capital financing? What are the different long- term sources of working capital financing? Explain. 16

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Paper ID : 2397
B.Com (Hons) Examination, May 2021

Course : B.Com (Hons)   **Semester : 6th**

Subject Code- BCH-306   **Subject Name : International Business/Trade**

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions may please be written below.

Note: Attempt five questions in all; selecting one question from each unit. Question No.1 is compulsory. All questions carry equal marks.

प्रत्येक इकाई से एक प्रश्न चुनते हुये, कुल पांच प्रश्न कीजिये| प्रश्न संख्या 1 अनिवार्य है| सभी प्रश्नों के अंक समान है?

UNIT-I
इकाई-I

Answer the following questions.   2x8=16

निम्न प्रश्नों के उत्तर दीजिए:-

a) Foreign Direct Investment

प्रत्यक्ष विदेशी निवेश

b) Strategic alliance

व्यूहरचनात्मक गठबंधन

c) What do you mean by counter trade?

प्रतिव्यापर से आपका क्या अभिप्राय है?

d) What do you mean by Factor Scarcity?

साधन दुर्लभता से क्या अभिप्राय है?

e) Write any two objectives of IMF

आई० एम० एफ के कोई दो उद्देश्य लिखिये

f) Explain any two failures of World Bank

विश्व बैंक की कोई दो असफलताओं की व्याख्या कीजिए

g) International marketing mix

अंतराष्ट्रीय विपणन समिश्रण

h) Direct Marketing

प्रत्यक्ष विपणन

UNIT-II
इकाई - II

Q.2 What are the main types of Risks faced by International Business Units? How can these risks be handled by International Business Units?   16

अंतराष्ट्रीय व्यवसायिक इकाईयों को जोखिम के किन मुख्य प्रकारों का सामना करना पड़ता है? अंतराष्ट्रीय व्यवसायिक इकाईयों इन जोखिमों का सामना कैसे करती है?

1

Q.3 What is mean by Globalization of business ? Discuss the benefits and its negative effect on Indian economy.   16

व्यापार के वैश्वीकरण का क्या तात्पर्य है| वैश्वीकरण के लाभ तथा दुष्प्रभाव पर चर्चा करें |

UNIT-III
इकाई-III

Q.4 What do you mean by Foreign Investment? Explain the import of Foreign investment on host nation.   16

विदेशी निवेश से क्या अभिप्राय है? मेज़बान देश पर विदेशी निवेश के प्रभाव का वर्णन कीजिए |

Q.5 Write notes on the following:-   8+8=16

निम्न पर टिप्पणी लिखिए:-

i) Modern theory of Exchange Rate Determination

विनिमय दर निर्धारण का आधुनिक सिद्धांत |

ii) Measures to Correct Adverse Balance of Payments

प्रतिकूल भुगतान रोष को सुधारने के उपाय |

UNIT-IV
इकाई-IV

Q.6 Discuss the Comparative Cost theory of International Business.   16

अंतराष्ट्रीय व्यवसाय के तुलनात्मक लागत सिद्धांत की चर्चा करें|

Q.7 What do you mean by government Intervention in International business? Explain the rationate for government Intervention in business.   16

अंतराष्ट्रीय व्यवसाय में सरकारी हस्तक्षेप से क्या अभिप्राय है? अंतराष्ट्रीय व्यवसाय में सरकारी हस्तक्षेप की तर्क संगतता की व्याख्या कीजिए |

UNIT-V
इकाई-V

Q.8 What do you mean by International marketing mix? Explain Product as an important element of International marketing mix?   16

अंतराष्ट्रीय विपणन संमिश्र से आपका क्या अभिप्राय है? 'उत्याद' की अंतराष्ट्रीय विपणन संमिश्र के महत्वपूर्ण तत्व के रूप में व्याख्या करें |

Q.9 Describe Pricing methods & products designed for International market.   16

अंतराष्ट्रीय बाजार के लिए डिजाईन उत्यादो के मूल्य निर्धारण विधियों का वर्णन कीजिए |

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2

Paper ID: 2398
B.Com (Hons.) Examination, May 2021

Course: B.Com (Hons.)   **Semester: 6th**
Subject Code- BCH-308   **Subject Name: Accounting**
Through Computers

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below

Note: Q. No.1 is compulsory and from remaining student will be required to attempt four questions i.e. at least one question from each unit. each question shall carry equal marks i.e. 16.

Q1 Explain following: 2x8=16
  ➤ Absolute, Relative and Mixed Addressing in MS-Excel
  ➤ Define Procedure of using Conditional Formatting in Ms Excel.
  ➤ What- If analysis and procedure in MS- Excel
  ➤ Endnote, Footnote, Cross Reference and Book Mark in MS word
  ➤ Write short note on citation and bibliography feature of MS word
  ➤ Utility of 'Use Security Control' in creating a company
  ➤ Procedure of Contra Entry in Tally
  ➤ Formula bar and its uses in MS-Excel

Unit – I

Q2 What do you mean by Pivot table and Pivot Charts? Explain its utility and procedure in MS-Excel with suitable example.   16

Q3 What do you mean by Mail Merge? Explain its utility and procedure in MS-Word with suitable example.   16

Unit – II

Q4 Write note on utility of accounting software's in Cash Flow and Fund Flow of the company.   16

Q5 Explain importance of Ratio Analysis? Explain how software's helps in validating the result and reports.   16

Unit – III

Q6 Discuss following: 16

- ➢ Prerequisite of using Tally
- ➢ Voucher and Its types in Tally
- ➢ Group and its types and procedure

Q7 Discuss in detail historical evaluation of development of Tally software.   16

Unit – IV

Q8 Discuss the features of tally ERP accounting software related to Final Accounts.

16

Q9 Write short notes of following: 16

- ➢ Procedure to use Vat, Tin and Pan number in Tally
- ➢ Protecting Accounts Books
- ➢ Verification of transactions

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Paper ID: 2399
B.Com (Hons.) Examination, May 2021

Course: B.Com (Hons.)   Semester: 6th

Subject Code- BCH-310   Subject Name: Consumer Affairs and Customer Care

Time: 3 Hrs   Max. Marks: 80

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below

Note: Attempt five questions in all. Select at least one question from each unit. Q. No.1 is compulsory. All questions carry equal marks.

Q1 Write a short note on the following: 8x2=16
   a) Concept of fair price
   b) Alternatives available to dissatisfied consumers.
   c) Unfair trade practice
   d) Adjudicatory bodies.
   e) Ground of filing a complaint
   f) Temporary injunction
   g) Consumer compliant redressal mechanism
   h) Role of FSSAI in consumer protection.

Unit – I

Q2 Give a detailed note on provision related to local taxes, fair price labeling and packaging in context of consumer affairs and customer care.   16

Q3 How does the consumer satisfaction play important role in the growth of the business? What are your suggestions to improve the internal and external complaint handling systems of a company?   16

Unit – 2

Q4 Write a short note on: 2x8=16

   a. Deficiency in services
   b. Restrictive trade practices

Q5 Write down a detailed note on organizational set-up for consumer protection

under the consumer protection act 1986. Explain the relevance of Supreme

Court under the consumer protection act?   16

Unit – 3

Q6 According to CPA, 1986 who is a complainant? Discuss in detail the procedure of

filing a complaint in consumer court under consumer protection act.   16

Q7 What are the reliefs or remedies provided to consumer under CPA, 1986 in

India? Discuss the provisions of penalties for various offences under this act.   16

Unit – 4

Q8 Briefly explain how insurance sector is being regulated in India? What are the

key roles and functions performed by IRDA to regulate the Indian insurance

sector?   16

Q9 Write short notes on the role of following in consumer protection: 2x8=16

    a. ASCI
    b. RBI

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Paper ID : 2421
M.Com Examination, May 2021

Course : M.Com   **Semester : 4th**

Subject Code- MCM-2202   **Subject Name : Corporate Tax Planning**

Time: 3 Hrs   **Max. Marks: 80**

The Question paper has 2 sections. Section A shall comprise of 8 small questions of 2 marks each, out of which all questions are compulsory. Section B will contain 8 questions (2 questions from each unit) of 16 marks each. Students will require to attempt 4 question that are 1 question from each unit.

प्रश्न पत्र में 2 खंड होते हैं | खंड ए में 2 अंक के 8 छोटे प्रश्न होंगे, जिनमें से सभी प्रश्न अनिवार्य है | खंड बी में प्रत्येक 16 अंकों के 8 प्रश्न (प्रत्येक इकाई से 2 प्रश्न) होंगे | छात्रों को 4 प्रश्नों का प्रयास करना होगा जो प्रत्येक इकाई से 1 प्रश्न हैं |

SECTION-1
खंड-1

Q.1 Discuss the following

निम्नलिखित पर चर्चा करें

a) Tax evasion

कर चोरी

b) MAT

एमएटी

c) Capital gain

पूंजीगत लाभ

d) Installment or hire system

किस्त या किराया प्रणाली

e) Location of Business

व्यवसाय का स्थान

f) Shutting down the business

व्यवसाय बंद करना

g) Slump sale

मंदी की बिक्री

h) Avoidance agreement with USA

यूएसए के साथ बचाव समझौता

SECTION-II
खंड-II

Q.2 Distinguish between Tax Planning, Tax Avoidance and Tax Evasion   16

टैक्स प्लानिंग, टैक्स अवॉइडेंस और टैक्स चोरी के बीच अंतर लिखें |

Q.3 Sahas Company Limited is a widely-held domestic company. The following are the particulars of its income in respect of the previous year 2019-20:

सहस कंपनी लिमिटेड एक व्यापक रूप से आयोजित घरेलू कंपनी है | पिछले वर्ष 2019-20 के संबंध में

इसकी आय का विवरण निम्नलिखित है :

a) Income from business	1,10,00,000
व्यापार से आय	
b) Interest on Government securities	20,000
सरकारी प्रतिभूतियों पर ब्याज	
c) Short-term capital gains u/s 111A	30,000
शॉर्ट टर्म कैपिटल गेन यू/एस 111 ए	
d) Long-term capital gains	66,000
लंबी अवधि के पूंजीगत लाभ	
e) Dividend from a domestic company (gross)	20,000
घरेलू कंपनी से लाभांश (सकल)	
f) Dividend from a foreign company	20,000
एक विदेशी कंपनी से लाभांश	
g) Book profit u/s 115JB	1,05,00,000
बुक लाभ यू/एक 115JB	

During the previous year the company donated by cheque 50,000 to National Defence Fund. Compute company's total income and tax payable for the assessment year 2020-21.   16

पिछले वर्ष के दौरान कंपनी ने राष्ट्रीय रक्षा कोष में 50,000 का चेक दान किया | निर्धारण वर्ष 2020-21 के लिए कंपनी की कुल आय और देय कर की गणना करें |

Q.4 Explain the tax incentives for corporate for corporate decisions in respect of setting up of new business.   16

नए व्यवसाय की स्थापना के संबंध में कॉर्पोरेट निर्णयों के लिए कर प्रोत्साहन की व्याख्या करें |

Q.5 A and B want to start a business. They have two options for selecting a form of organisation, partnership firm or a private company. The estimated profits of which, before the following deductions are 6,96,000.

ए और बी एक व्यवसाय शुरू करना चाहते हैं | संगठन, साझेदारी फर्म या एक निजी कंपनी का एक रूप चुनने के लिए उनके पास दो विकल्प हैं | जिसका अनुमानित लाभ निम्नलिखित कटौती से पहले 6,96,000 है |

1) Remuneration 20,000 p.m. each by the firm and 25,000 p.m. each by the company.

प्रत्येक फर्म द्वारा पारिश्रमिक 20,000 प्रति माह और कंपनी द्वारा प्रत्येक को 25,000 प्रति वर्ष |

2) Each will give a loan to the business of 2,00,000 @ 12% p.a.

प्रत्येक व्यक्ति 2,00,000 प्रति वर्ष के व्यवसाय के लिए ऋण देगा |

3) Contribution as capital 2,00,000 each. On this interest will be paid @ 12% p.a. However, the company cannot pay the interest on it.

पूंजी के रूप में अंशदान 2,00,000 प्रत्येक | इस पर @ 12% प्रति वर्ष के दर से ब्याज दिया जाएगा हालांकि, कंपनी इस पर ब्याज का भुगतान नहीं कर सकती है |

4) The profits after tax will be distributed equally as profits/dividends.

कर के बाद लाभ को समान रूप से लाभ / लाभांश के रूप में वितरित किया जाएगा |

Suggest whether they should form a partnership firm or a private company.   16

सुझाव दें कि क्या उन्हें एक साझेदारी फर्म या एक निजी कंपनी बनानी चाहिए |

Q.6 An assesse purchased a machine for scientific research for 2,50,000. HE claimed full deduction of 2,50,000 u/s 35 in the assessment year 2014-15. During previous year 2019-20 the scientific research work completed and the machine is not required for that purpose. The assesse can either sell it for 1,00,000 or use it for some time for his business purposes. From tax planning point of view suggest him whether he should sell it without using it for his business purposes or sell it after using it for some time for his business purposes. The W.D.V. of the block of assets on 1.4.2019 is 6,00,000. The assesse is liable to pay tax @ 30%. If the machine is sold in 2020-21 for 1,00,000. Calculate the effect on depreciation for assessment years 2021-22 and 2022-23.   16

एक वैज्ञानिक अनुसंधान के आंकलन के लिए एक मशीन खरीदी रु 2,50,000 गई, | उन्होंने कहा कि पूर्ण कटौती का दावा किया 2,50,000 यू/एस 35 अनिर्धारण वर्ष 201 में 4-15. पिछले वर्ष 2019-20 के दौरान वैज्ञानिक अनुसंधान कार्य पूरा कर लिया और मशीन उस उद्देश्य के लिए आवश्यक नहीं है | कर दाता या तो के लिए यह बेच सकते हैं 1,00,000 या के लिए इसका इस्तेमाल करते हैं कुछ समय अपने व्यावसायिक उद्देश्यों के लिए उपयोग किए बिना बेचना चाहिए या कुछ समय के लिए इसे अपने व्यवसायिक उद्देश्यों के लिए उपयोग करने के बाद बेचना चाहिए | 1.4.2019 को आस्तियों के ब्लॉक का डब्ल्यूडीवी 6,00,000 है | करदाता भुगतान कर @ 30% के लिए उत्तरदायी है | अगर मशीन 2020-21 में 1,00,000 में बेची जाती है | निर्धारण वर्ष 2021-22 और 2022-23 के लिए मूल्यह्रास पर प्रभाव की गणना करें |

OR/या

Q.7 Discuss the following:

निम्नलिखित पर चर्चा करें :

I. Tax Planning and Management decisions

कर योजना और प्रबंधन निर्णय

II. Sale of asset used for Scientific Research   8+8

वैज्ञानिक अनुसंधान के लिए प्रयुक्त संपत्ति की बिक्री

Q.8 "Tax incentives have been provided for amalgamation to amalgamating company, the shareholders of amalgamating company and the amalgamated company". Enumerate the incentives provided to the amalgamating company and its shareholders.   16

"समामेलन कंपनी, समामेलन कंपनी के शेयरधारकों और समामेलन के लिए कर प्रोत्साहन प्रदान किया गया है |" समामेलन कंपनी और उसके शेयरधारकों को प्रदान किए गए प्रोत्साहनों की गणना करें |

OR/या

Q.9 Explain the procedure of conversion of firm into company   16

फर्म को कंपनी में बदलने की प्रक्रिया समझाइए |

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Paper ID: 2423
M.Com Examination, May 2021

Course: M.Com   **Semester: 4th**

Subject Code- MCM-2206   **Subject Name: Financial Statement Analysis**

Time: 3 Hrs   **Max. Marks: 80**

Note: The Question paper has 2 sections. Section a shall comprise of 5 small questions of 4 marks each, out of which all questions are compulsory. Section B will contain 8 questions (2 questions from each unit) of 15 marks each. Students will require to attempt 4 question that are 1 question from each unit.

Section-A
(भग-अ)

Q1.a) Horizontal Analysis

     क्षैतिज विश्लेषण

   b) Income Statement

     आय विवरण

   c) Distress Analysis

     संकट विश्लेषण

   d) Sustainable Earnings

स्थायी कमाई

   e) Corporate Governance

निगम से संबंधित शासन प्रणाली

   f) Shareholder Equity Analysis

शेयरधारक इक्विटी विश्लेषण

   g) Financial Analysis

वित्तीय विश्लेषण

   h) Basis of Presentation   8*2=16

     प्रस्तुति का आधार

Section-B
(भाग-ब)

Q2 What do you understand by financial statements? What are the different types of financial statements?   16

वित्तीय विवरणों से आप क्या समझते हैं? वित्तीय विवरण के विभिन्न प्रकार क्या हैं?

OR/अथवा

Q3 Discuss the qualitative characteristics and limitations of financial statement analysis.   16

वित्तीय विवरण विश्लेषण की गुणात्मक विशेषताओं और सीमाओं पर चर्चा करें |

Q4 What do you mean by demand for financial information? Define the parties demanding financial statement information.   16

वित्तीय सुचना की मांग से आप क्या समझते है? वित्तीय विवरण की जानकारी मांगने वाले पक्षों को परिभाषित करें |

<div align="center">OR/अथवा</div>

Q5 What are the conflicts and factor affecting parties that are demanding financial statements information?   16

वित्तीय विवरण की जानकारी की मांग करने वाले पक्षों को प्रभावित करने वाले संघर्ष और कारक क्या हैं?

Q6 Distinguish between fund flow and cash flow statements.   16

फंड फ्लो और कैश फ्लो स्टेटमेंट के बीच अंतर करें |

<div align="center">OR/अथवा</div>

Q7 Explain the following ratios with imaginary examples and also write their significance.

निम्नलिखित अनुपातों को काल्पनिक उदाहरणों के साथ समझाइए और उनका महत्व भी लिखिए:

a) Current Ratio

वर्तमान अनुपात

b) Inventory Turnover Ratio

इन्वेंटरी टर्नओवर अनुपात

c) Capital Gearing Ratio

पूंजी गियरिंग अनुपात

d) EPS

ईपीएस

Q8 What are the financial statements notes? Define significance of notes to financial statements.   16

वित्तीय विवरण नोट क्या हैं? वित्तीय विवरणों में नोटों के महत्व को परिभाषित करें |

<div align="center">OR/अथवा</div>

Q9 Explain the types of audit report. Discuss the difference between clean and qualified report.   16

ऑडिट रिपोर्ट के प्रकारों की व्याख्या करें | स्वच्छ और योग्य रिपोर्ट के बीच अंतर पर चर्चा करें |

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Paper ID: 2450 A
M.Sc Chemistry Examination, May 2021

Course: M.Sc Chemistry   **Semester: 4th**
Subject Code- CY(H)-401A   **Subject Name: Inorganic**
Special (IV) Organotransition
Metal Chemistry

Time: 3 Hrs   **Max. Marks: 80**

Note: Attempt five questions in all selecting at least one question from each Section.
Q. No.1 is compulsory.

Q1 (a) In transition metal Aryl and Acyl derinatives, What are hybridization of carbon
atome.   2x8=16
(b) What haptacities are not possible for benzene
(c) Give IUPAC names for carbine and carbine complexes
(d) How will you prepare ferrocene in the laboratory?
(e) What do you mean by Pseudo-rotation in TBP molecule
(f) What are Sandwich compounds.
(g) Explain static and Dynamic NMR spectra.
(h) Which catalyst is used in polymerization of alicene? Give its formula.

Section – A

Q2 (a) Discuss the various decomposition pathways of transitions metal alkyls. How
Can these reactions be inhibited?

10

(b) Write short note on the following:-   6
(i) Electron deficient organometallic compounds.
(ii) Home and heteroleptic organometallic compounds.

Q3 What are organometallic compounds and how can they be classified? Explain
with examples.   16

Section – B

Q4 (a) Based on binding of alkynes with transition metals, how would you classify

them? Give one example of each type. Also explain bonding and structure of

such complexes.   12

(b) Write only four reactions involving metal alkene intermediates in

Homogeneous catalyzed reactions.   4

Q5 (a) Write down methods of preparation, structure and bonding of Zeise's salt. 10

(b) Discuss the reactivity of coordinated Alkynes with electrophiles &

Nucleopheles. 6

Section – C

Q6 (a) Give a comparative account of Electrophilic and Nuclephilic carbine ligands

and their complexes. 8

(b) What are transition metal carbine complexes? Give important reactions of

Carbyne complexes. 8

Q7 (a) Write down methods of preparation, structure and bonding of Fisches

carbene complexes. 10

(b) Discuss bonding in Schrock type carbine complexes. 6

Section – D

Q8 (a) What do you mean by a fluxional molecule and how this behanious can be

studied? Give examples. 6

(b) Discuss fluxional behanious in transition metal acyclic alkene complexes. 10

Q9 (a) Discuss the mechanism of hydroformylation of olefins. 8

(b) Write down the mechanism of aerial oxidation of propene in the presence of

$PDCl_2$ and $CUCL_2$ in DII HCl. 8

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Paper ID: 2451 A
M.Sc Chemistry Examination, May 2021
Course: M.Sc Chemistry   **Semester: 4th**
Subject Code- CY(H)-402A   **Subject Name: Inorganic Special-V**
Electro Analytical Chemistry

Time: 3 Hrs   **Max. Marks: 80**

Note: Attempt five questions in all selecting at least one question from each Section. Q. No.1 is compulsory.

Q1(a) Define Residual and migration current.   2x8
    (b) What is the fundamental difference between the chemical reaction and electrochemical reaction?
    (c) What is catalytic hydrogen wave?
    (d) Give principle of square wave polarography.
    (e) What is chronopotentiometry?
    (f) Give principle of AC polarography.
    (g) What is concentration process?
    (h) What do you understand by cathodic re-dissolution?

Section – A
Q2 (a) Explain Koutecky equation used for eleffusion current.   7
    (b) What do you understand from polarographic maxima? Give various types of maxima and suggest how these can be supperessed?   9

Q3 (a) Explain various factors governing limiting current in polarography.   8
    (b) Discuss oxygen interferences in polarography.   8

Section – B
Q4 (a) Explain different types of carbon electrodes such as carbon paste, Glassy carbon and Graphite electrodes.   9

    (b) Discuss principle of Amperometric titrations.   7

Q5 (a) What is Amperomentry? Discuss the apparatus and techniques of Amperometry.   8

    (b) How D.C pduaography can help in the determination of stability constant of a complex?   8

Section – C

Q6 Describe the details of the experimental setup.

    (a) Used for superimposed A.C polarography techniques.   10

    (b) Explain briefly chronomperometry.   6

Q7 (a) What are normal and differential pulse polarographies? How these show an

    advancement over square wave pdurography? Explain with polarograme. 10

    (b) Distinguish between voltametry and polarography.   4

    (c) Discuss the principle of coulometry.   2

Section – D

Q8 (a) Discuss the various advantages and disadvantages of ISE.   10

    (b) Differentiate between anodic and cathodic stripping voltametry.   6

Q9 (a) Discuss the theory of anodic stripping voltametry.   8

    (b) Explain principle of an Ion selecting electrode. Discuss the design and

    working of an Ion selecting electrode.   8

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Paper ID: 2452 A

M.Sc Chemistry Examination, May 2021

Course: M.Sc Chemistry   Semester: 4th

Subject Code- CY(H)-403(A)   Subject Name: Inorganic Special
                                                        -VI (Aspects of Inorganic
                                                        Chemistry)

Time: 3 Hrs   Max. Marks: 80

Note: Attempt five questions in all selecting at least one question from each Section.
        Q. No.1 is compulsory.

Q1(a) What are carcinogens and carcinostatic agents?   2x8
    (b) Why platinum metal complexes show anticancer activity?
    (c) What will be the harmful effects of heavy metals?
    (d) Name the drugs used in dental caries.
    (e) Define therapeutic index?
    (f) What do you mean by sarcoma?
    (g) Write the constituent of Vitamin-E.
    (h) What do you mean by biomineralisation?

Section – A

Q2 (a) What are the diseases that appear due to copper deficiency? How are these
        cured?   8
    (b) How zinc is responsible for tumor growth? How the growth may be retarded?
                                                                                  8

Q3 (a) Discuss the antibacterial properties of metal complexes.   8
    (b) How the polyminocarboxylic acid used as chelating drugs?   8

Section – B

Q4 (a) What do you mean by hypo-and hyper-activity of thyroids? What are the

        drugs used to cure these activities?   8

    (b) Discuss in brief the role of lithium compounds used to cure psychiatric

        patients.   8

Q5 (a) Selenium plays dubious role in cancer disease. Why? Discuss its essentiality

        in lining systems.   8

    (b) Discuss the agents used to detoxify heavy metal from the human body.   8

Section – C

Q6 (a) How ligand interferes with metallo-enzymes?   8

    (b) Discuss some alkylating agent used as anticances agent.   8

Q7 (a) Explain the drugs where chelation and therapeutic activity are unrelated.   8

    (b) Discuss some macrocyclic compounds used as antibiotic ligands.   8

Section – D

Q8 (a) What are dietary minerals? Discuss their Sources and functions.   8

    (b) Write brief note on the isotope of technetium- aam.   8

Q9 (a) What are antioxidants and discuss their harmful effects.   8

    (b) Describe briefly nuclear medicines and gallium scan.   8

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Paper ID: 2490
Diploma in Panchakarna Therapy Examination May, 2021
Course: Diploma in Panchakarna Therapy   **Semester: 2ⁿᵈ**

Subject Code- DPT-201   **Subject Name: Panchkarma B**

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions may be please be written below.

All the 10 questions are compulsory.

सभी प्रश्न अनिवार्य हैं |

Q1 What is Navarakizhi?   3

नवारकीजी क्या है?

Q2 How day to day Panchkarma instruments are cleaned?   3

कैसे दिन प्रतिदिन पंचकर्म यंत्रों की सफाई की जाती है?

Q3 What is Nadi Swed and what are the Dravya used in this?   3

नाडी स्वेदन क्या है एवं उसमे कौन से द्रव्य उपयोग किये जाते है?

Q4 What is Avpeedaka Nasya?   3

अवपिडक नस्य क्या है?

Q5 What are the duties of Punchkarma Technician?   3

पंचकर्म तकनीशियन के कर्तव्य क्या हैं?

Q6 Write brief note on Anuvasan Basti?   3

अनुवासन बस्ती पर संक्षिप्त नोट लिखें |

Q7 What are indications of Basti?   3

बस्ती के योग्य कौन है?

Q8 What is Annalepana?   3

अन्नलेपन क्या है?

Q9 Write brief note on Udavartana.   3

उदवर्तन पर संक्षिप्त नोट लिखें |

Q10 What is the use of audio-visual aids system in Health Education?   3

स्वास्थ्य शिक्षा में ऑडियो-विजुअल एड्स प्रणाली का उपयोग क्या है?

Part B

Any 5 questions shall be attempted out of 7 questions.

किन्हीं 5 प्रश्नों को चुनिए |

Q1 What are Bio Medical Wastes related to Panchkarma and How it is Disposed?   5

बायो मेडिकल अपशिष्ट पंचकर्म से कैसे संबंधित हैं और इसे कैसे हटाया जाता है?

Q2 What is Nasya and what is the difference between Marsh and Pratimarsha Nasya? 5

नस्य क्या है एवं मर्श और प्रतिमर्श नस्य में क्या अंतर है?

Q3 What is the principles of good housekeeping and how Panchkarma store can be maintained? 5

अच्छे हाउसकीपिंग के सिद्धांत क्या हैं और पंचकर्म स्टोर कैसे बनाए रखा जा सकता है?

Q4 Describe Jalukavacharan. 5

जलोकावचरण के बारे में बताएं |

Q5 Describe Basti Netra and Basti Putaka. 5

बस्ती नर एवं पुटक का वर्णन करें |

Q6 What is the Practical Knowledge of Sansarjana Karma? 5

संसर्जन कर्म का व्यावहारिक ज्ञान क्या है?

Q7 How Niruha Basti is preparared? What are the precautions should be taken in administration of Niruha Basti? 5

निरुह बस्ती कैसे तैयार होती है? निरुह बस्ती के प्रशासन में क्या सावधानियां बरतनी चाहिए?

Part C

Attempt 3 questions out of 4.

किन्हीं 3 को चुनिए |

Q1 What is Swedana Karma and describe Shashtik Shali Pinda Swed in detail. 15

स्वेदन कर्म क्या है? षष्टिक शाली पिंड स्वेद के बारे में विस्तारपूर्वक बताएं |

Q2 Describe Virechana Karma Procedure in detail. 15

विरेचन कर्म के बारे में विस्तार से वर्णन करें |

Q3 How medicinal records and panchkarma procedure at OPD and IPD levels are maintained? Write about the importance of MS office and MS Excel in record management. 15

ओपीडी और आईपीडी स्तर पर औषधीय रिकॉर्ड और पंचकर्म प्रक्रिया कैसे बनाए रखी जाती है? रिकॉर्ड प्रबंधन में एमएसऑफिस और एमएस एक्सेल के महत्व के बारे में लिखें |

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Paper ID : 2680
B.Sc. (N.M./C.S.) Examination, May 2021
Course : B.Sc. (N.M./C.S.) **Semester : 6th**
Subject Code- PHY-302-B **Subject Name : Atomic and Molecular Spectroscopy**

Time: 3 Hrs **Max. Marks: 40**

Note: If any, regarding the number of questions to be attempt and mode of questions may please be written below.

Note: Attempt 5 questions in all. Question No.1 is compulsory. Select one question from each unit.

Q.1 a) Explain the difference between electronic, vibrational & rotational spectra? 2
b) What do you mean by Transition Probability? 2
c) What do you mean by Lande interval rule? 2
d) Explain the larmor's precession? 2

UNIT-I
Q.2 State & explain various quantum number & their relations to define corresponding angular momentum in vector atom model. 8

OR

Q.3 a) Explain the following terms: 6
i) Spinning electron
ii) Space quantization
b) Calculate the ground state energy of electron in cars of Li^{++}. 2

UNIT-II
Q.4 Explain spin-orbit interaction and derive an expression for doublet term separation for single valence electrons. 8

OR

Q.5 a) Explain spin-orbit interaction for penetrating & non-penetrating orbits. 6
b) Find the term corresponding to state specified by L=3, S=1. 2

UNIT-III
Q.6 a) Derive an expression for interaction energy in JJ-coupling. 6
b) Find the spectral term for two equivalent electron in P^2 shell. 2

OR

Q.7 a) What is cause of level splitting in alkali metals. Show that S-levels are singlet but all other are doubtlet. 5
b) Derive al the terms arising from the pd electron configuration in JJ coupling? 3

UNIT-IV

Q.8 a) Derive an expression for Lande g factor. How will you explain anomalous zeeman effect of sodium yellow lines with its help.　　　6

　　b) Calculate Lande-g factor for $^2P_{1/2}$ and $^2P_{3/2}$.　　　2

OR

Q.9 a) Explain the important application of Raman effect.　　　4

　　b) Describe electronic spectra of a Diatomic molecular.　　　4

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Paper ID : 2733
B.Sc.(m) Examination, May 2021

Course : B.Sc.(m)   **Semester : 6th**
Subject Code- BOT-302-A   **Subject Name : Plant
                                                                    Ecology**

Time: 3 Hrs   **Max. Marks: 40**

Note, If any, regarding the number of questions to be attempt and mode of selection
        of questions may please be written below.
Note: Attempt five questions in all, selecting one from each unit. Question No.1 is
        compulsory

Q.1 Explain the following:
 i) Soil-Profile   2
 ii) Food-Chain & Food-Web   2
 iii) Levels of Organisation   2
 iv) Ecotypes   2

UNIT-I
Q.2 a) What is Ecology? Give an account of scope and Importance of Ecology.   4
       b) Explain Physics- Chemical properties of soil.   4

Q.3 Give an account of effect of Light and Temperature on Plants.

UNIT-II
Q.4 Explain the following:
  a) Growth curves   4
  b) Ecological – Indicators   4

Q.5 a) Explain morphological and anatomical adaptations in xerophytes.   4
       b) Draw a well-labelled diagram of T.S. Hydrilla Stem.   4

UNIT-III
Q.6 Explain Bio-geographical regions of India.   8

Q.7 What is Ecological Succession? Explain different Seral-Stages of
       Hydrosere.   8

UNIT-IV
Q.8 Write notes on:
  a) Ozone-Layer depletion
  b) Acid-Rain
  c) Nitrogen-Cycle   8

Q.9 Draw Ecological-Pyramids of Biomass, Energy and Number in terrestrial and
       aquatic ecosystems.   8

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1

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Paper ID: 2734
B.Sc (M) Examination, May 2021

Course: B.Sc (M)   Semester: 6th
Subject Code- BOT-302-B   Subject Name: Economic Botany

Time: 3 Hrs   Max. Marks: 40

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below

Note: Attempt five questions in all, selecting one question from each unit. Question No.1 is compulsory and short answer type. All the questions carry equal marks. Draw neat and labelled diagram wherever required.

QNo.1 Compulsory question (Short Answer type)   1x8=8
   1 (a) Differentiate spices and condiments.   1
   1 (b) What is nobalization?   1
   1 (c) Compare soft wood & hard wood.   1
   1 (d) Give the Scientific name and family of groundnut.   1
   1 (e) What is vulcanization?   1
   1 (f)   Compare lint and fuzz fibres.   1
   1 (g) What is Brick Tea?   1
   1 (h) Give the scientific name and family of plant from which quinine is obtained.   1

Unit – I
QNo.2a Briefly explain origin, distribution and botanical description of rice.   4

QNo.2b Discuss about the cultivation, soil and uses of wheat.   4

QNo.3a Give the botanical names of any two fibre yielding plants, their families and part from which fibre is obtained.   5

QNo.3b Explain the mechanism of preparation of cotton thread.   3

Unit – II
QNo.4a Give the botanical description, cultivation and diseases of mustard plant. 4

QNo.4b Explain about the climate and soil and uses of groundnut and coconut oil.   4

QNo.5a Give the botanical names, families, characteristics and uses of Teak and Sal.   6

QNo.5b Explain about the seasoning of wood.   2

Unit – III

QNo.6 Write note on:

    (i) Ginger   4
    (ii) Cloves   4

QNo.7 Write botanical names, families and uses of:

    (i) Sarpgandha   2
    (ii) Neem   2
    (iii) Cannabis   2
    (iv) Opium   2

Unit – IV

QNo.8a Explain about cultivation, uses and preparation of Tea.   4

QNo.8b Give the origin, botanical description and uses of coffee.   4

QNo.9a Write a general account on the origin, cultivation, botanical description,

processing and uses of rubber.   8

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Paper ID: 2762

B.Sc (H.Sc) Examination May, 2021

Course: B.Sc (H.Sc)   Semester: 6th

Subject Code- NBC-302   Subject Name: Nutritional
                                                            Biochemistry-II

Time: 3 Hrs   Max. Marks: 40

Note: If any, regarding the number of questions to be attempt and mode of selection
of questions may please be written below.

Note: Attempt five questions in all by selecting one question from each unit with
Q. No.1 which is compulsory. All questions carry equal marks.

Q.1 Explain the following :-
   i) ATP
   ii) Fat soluble vitamins
   iii) Hormones
   iv) Give structure of coenzyme form of vitamin B_2.   2x4=8

UNIT-I
Q2 Explain citric acid cycle with its energetics.   8

Q3 Write down total ATP production in "Biological oxidation" in detail.   8

UNIT-II
Q4 a) Discuss covalent structure of RNA & DNA.   4
   b) Write components and organization of nucleic acids.   4

Q5 a) Explain Biosynthesis of Proteins.   4
   b) What is genetic code and discuss its main features.   4

UNIT-III
Q6 Write short notes on :-
   a) Vit. A   4
   b) Vit. D   4

Q7 Give structure and biochemical role of vitamin B_6 and Niacin.   8

UNIT-IV
Q8 a) Write biological role of hormones of "Anterior Pituitary" and "Adernal Cortex".4
   b) Detail about thyroid hormones and their biological roles.   4

1

Q9 Discuss Micro and Macro elements. Brief about biochemical role of
   a) Cu
   b) Calcium
   c) Iron
   d) Iodine   8

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Paper ID : 2800
CBCS Scheme 80-20 Examination, May 2021
Course : CBCS Scheme 80-20   **Semester : 2th**
Subject Code- CBCS 1124   **Subject Name : Introduction to**
                                                       German I
Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of questions may please be written below.

Frage I   Bitte schreibenSie die Zahlen im Deutsch von 1 bis 75.(Beispiel: Eins-1)   16

Frage II   Konjugieren Sie Die Verben im Praesens. (Beispiel :Ich Trinke, du trinkst..)
           Lernen, Antworten, Machen, Fragen and Sagen.   16

Frage III Fragen und AntwortenSie.[Babita und Soniya sind Freundinnen, und sie
           sind in einem Gespräch]   16
           Babita: Hallo!
           Soniya: Hallo!
           Babita : _____?
           Soniya : Ich heiße Soniya.
           Babita : _____?
           Soniya : Danke, gut , Und Du?
           Babita : _____?
           Babita :_____?
           Soniya : Ich Komme aus U.P.
           Soniya : _____?
           Babita : Ja, ich komme auch aus U.P|
           Soniya : _____?
           Babita : Ich lerne Deutsch in Khanpur.
           Soniya : _____?
           Babita : Ich lerne Deutsch seit 4 Monate.
                           _____?
           Soniya : Ja, Ich lerne auch Deutsch.
           Babita : Wie findest du das Deutsch?
           Soniya : _____,
                 Und findest du Deutsch interessant?
           Babita : Ja, ich finde auch das Deutsch sehr interessant.
           Soniya : _____?
           Babita : Deutsch Lehrer !Er ist sehr witzig.
           Soniya : Tschüs!
           Babita : Tschues!

Frage IV Bitte übersetzen Sie ins Deutsch.   16

         a) I search a pot.

b) You find pots in first floor.

c) Do you have here bicycles?

d) I search a washing machine?

e) Excuse me , where do I find beds?

f) The furniture department in the fourth floor.

g) Do you have another sofa?

h) Excuse me, where are the computers?

i) Electronics department is in the third floor.

j) No, please come on the next week again.

Frage V Bitte ÜbersetzenSie ins English.   16

Beim neunten "Nein" Kommen die Tränen.

Ich warte wieder einmal an der Kasse im Supermarkt. Von drei Kassen ist nur eine geöffnet. Ich beobachte meine Tochter Tanja. Sie steht vor den Süssigkeiten : links Kaugummis, rechts Schokoriegel, oben Gummibärchen, unten Überraschungseier. Und schon geht es los: "Mama, kaufst du mir .....? "Nein" , "nu reins bitte"! "Nein", "Bitte, bitte". Die Leute schauen, aber ich bleibe hart: "Nein, Tanja , nicht vor dem Essen".

Da höre ich eine freundliche Stimme: "Ach Frau Jünger! Guten Tag. Wie geht es Ihnen?" "Danke Gut" antwortete ich. "und Ihnen, Frau Meier?" Frau Meier ist unsere Nachbarin. Tanja weiß : Frau Meier ist ihre Chance! "Mamma, schaumal, Gummibärchen. "Nein" . "Bitte, bitte!' "Nein ,Heute nicht!" Beim neuenten Nein Kommen die Tränen.

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Paper ID: 2956
LLM Examination, May 2021

Course: LLM   Semester: 2ND
Subject Code- LAW-2005   Subject Name: Law and Justify in
Globalising World

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection
of questions, may please be written below

Part – A (Compulsory)
All questions are compulsory in this part.   8x2=16

1. What do you mean by the concept Law?
2. Discuss the relation of law with the morals.
3. Write a short note on critical race theory.
4. Define the term "Legal Realism".
5. What do you mean by the term "Injustice".
6. What do you mean by "International Legal theory"?
7. Write the salient features of Natural Law
8. What do you mean by the legal theories?

Part – B (Optional)

Attempt any four questions, from this part. Each question carry equal Marks.
16x4=64

9. Write a detailed note the relationship between Law and Economics.
10. What do you mean by Analytical Jurisprudence? Write a detailed discussion on this concept.
11. Explain in detail the feminist legal theory.
12. Write a detailed essay on the concept of Justice and Injustice.
13. Differentiate between the legal Realism and Legal Pluralism.
14. What do you mean by the concept of 'Administration of Justice'?
15. Explain political jurisprudence and its exponents.
16. Write a detailed note on the 'critical legal studies'?

Paper ID: 2958
LLM Examination, May 2021

Course: LLM   **Semester: 2ND**
Subject Code- LAW-2008   **Subject Name: International Human Rights Law**

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below

Part – A (Compulsory)
All questions are compulsory in this part.   **8x2=16**

1. What do we mean by Human rights? Shed light on the importance of Human Rights.
2. What do you mean by civil right?
3. How human rights are different from constitutional rights?
4. Write a short note regarding nature of human rights.
5. Explain the Political Human Rights.
6. Discuss the role of Greek philosopher in shaping human rights.
7. Discuss the evolution of concept of human rights in Dharma.
8. What do you mean by cultural rights?

Part – B (Optional)

Attempt any four questions, from this part. Each question carry equal Marks.
16x4=64

9. What do you mean by emergence of International Human Rights?
10. Discuss the development of International Human Rights from their evolution.
11. What are the various techniques followed to ensure proper implementation of human right provided for helpless groups of the society?
12. What do you mean by cultural rights? How these are differ from the Political rights.
13. Explain the role and responsibility of State for implementation and protection of Human Rights in India.
14. Highlights the main practices of contemporary human rights activism.
15. What are the main challenges before the Human Rights in current scenario?
16. Explain the various human rights movements and Human rights Markests.

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Paper ID: 2959
LLM/ Dotoem Examination May, 2021

Course: LLM/ Dotoem   **Semester: 1st**
Subject Code- LAW-2009   Subject Name: Private International
                                                              Law

Time: 3 Hrs   **Max. Marks: 80**

Part –A–

Q.1 Write a short note on the following:-   8x2=16
(A) Domicile   (B) Permanent resident
(C) Jurisdiction of court   (D) Renvoi
(E) Recognition   (F) execution of a decree
(G) Adoption of law   (H) Characterization

PART-B-

Attempt any four question   16x4=64

Q.2 Distinguish between public and Private International Law. Is unification of private international law is desirable.

Q.3 A marriage took place at Bombay in 1951.between X, a Hindu Brahmin female and Y, a male belonging to tribe which followed Hindu law. X and Y were domiciled in Bombay and Hyderabad respectively, at the time of marriage. Y was already married to Z before marrying X After the death of Y in 1954 X filed a case against Z for succession of properties of Y,Z contended that the marriage between X and Y was not valid as in the state of Bombay bigamous marriages were prohibited if either or both the parties to the marriages are domiciled in Bombay, as per the Special Marriage Act, 1872. The last was not applicable in Hyderabad but Z further pleaded that a custom in Hyderabad does not permit marriage outside the tribe. Decide the issue of validity of marriage discussing the relevant rules of private international lae. Refer to judicial decisions.

Q.4 Discuss the rule of private international law in determining the essential validity of marriage.

Q.5 Explain, whether the following foreign judgements are enforcements in India, with reference to relevant rules of private international law and judicial decisions:
a) A judgement of custody of child was obtained by father from the Superior Court of Washington, Seattle in his favour. The mother brought child to India in violation of parenting plan wherein mother had visitation rights. The child is studying in Bangalore for last 3 years. The father of child has recently lost his job in Seattle and mother is working at Bangalore. The child was born in Seattle.

Father wante to enforce the judgement in India. The mother contended that judgement is in violation of rules of natural justice.

b) *A*, a Hindu male and *B*, a Hindi female married at Tiruputi, India and shifted to New York. After three years of the marriage differences arose between them and *B* came to India to stay with her parents and took up a job here. *A* obtained an exparated divorce decree from Missouri on the pretext that *A* was resident of Ontorio for 90 days preceding the commencement of action. *B* did not submit to the jurisdiction of the court. *A* married *C* after that management is not enforceable in India as being obtained by committing fraud on the court.

Q.6 Define and distinguish between domicile and nationality. Explain the status of domicile of married women in India.

Q.7 Mohd. Ashif domiciled in India Married Jane Domiciled in Australia. Their marriage took place in Australia. After their marriage both husband and wife settled in India. After sometime the husband dissolve the marriage by pronouncing "Talaq" according to muslim laws. It was pronounced in India. Jane returned Australia and married Robert in Australia without observing Iddat period. Examine whether Jane's Marriage with Robert was valid.

Q.8 Explain the successive stages in a suit involving the application of private international law.

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Paper ID: 2961
LLM Examination, May 2021

Course: LLM   **Semester: 2ND**
Subject Code- LAW-2011   **Subject Name: Environmental Law**

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below

Part – A (Compulsory)
All questions are compulsory in this part.   8x2=16

1. What do you mean by doctrine of 'Sustainable Development'?
2. What are the various causes of Air Pollutions?
3. What are the various causes of Water Pollution?
4. Write the composition of Environment Court?
5. What are the main functions and duties of Water pollution control board?
6. What do you mean by the principle of absolute liability?
7. Explain the main objectives for launching of the Tiger Project?
8. Write the various international conventions which are held in relation of Environment Protection.

Part – B (Optional)

Attempt any four questions, from this part. Each question carry equal Marks.
                                                      16x4=64

9. Discuss the Role of judiciary in protecting and promotion of Sustainable development in reference of Environmental law.
10. Discuss the various remedies provided under criminal law for protecting and promotion of Environment.
11. Discuss the functions and powers of the Central Air Pollution Control Board.
12. Discuss the main objectives of Sotckhom Declaration.
13. Discuss the Salient feature of Environment Protection Act, 1986.
14. Write a short note on The Wild life (protection) Act, 1972.
15. Write an essay on 'Principle of No fault Liability' in reference of Environmental Law.
16. Write an essay on National Green Tribunal Act, 2010.

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Paper ID : 2962
LL.M. Examination, May 2021

Course : LL.M.   **Semester : 1st**

Subject Code- Law 2012   **Subject Name : Public International Law**

Time: 3 Hrs   **Max. Marks: 80**

Note: Attempt four questions from Section-A. Each question in this Section carries 16 marks (16x4). Section-B is compulsory. Each part of the question in Section-B carries 2 marks (2x8).

PART-A

1. Write short notes on the following: 2x8=16
   निम्नलिखित पर छोटे छोटे नोट लिखें:
   a) Monistic theory
      अदवैत सिद्धांत
   b) International Terrorism
      अंतराष्ट्रीय आंतकवाद
   c) Outer Space Laws
      बाहरी अंतरिक्ष
   d) Prize Courts
      पुरस्कार न्यायालय
   e) Advantages of Recognition
      मान्यता के लाभ
   f) War Crimes
      युद्ध के उपराध
   g) Conditional Recognition
      सशर्त मान्यता
   h) Territorial Sovereignty
      प्रादेशिक संप्रभुता

2. Discuss the custom and treaties as important sources of International Law.   16
   अंतराष्ट्रीय कानून के महत्वपूर्ण स्रोतों के रूप में रिवाज और संधियों पर चर्चा करें|

3. Discuss the relationship between International Law and Municipal Law.   16
   अंतराष्ट्रीय कानून और राष्ट्रिय कानून के बीच संबंधों पर चर्चा करें|

4. Explain the various modes of acquiring state territory.   16
   राज्य क्षेत्र प्राप्त करने के विभिन्न तरीकों के बारे में बताएं|

5. What is state jurisdiction? Explain civil and criminal jurisdiction.   16
   राज्य क्षेत्राधिकार क्या है? दीवानी और आपराधिक क्षेत्राधिकार की व्याख्या करें|

6. Write an essay on values and applicability of International Laws in domestic courts.   16
   घरेलू अदालतों में अंतराष्ट्रीय कानूनों के मूल्यों और प्रयोज्यता पर एक व्याख्या करें|

1

7. What is diplomatic relation? Is there any effect of diplomatic relation on municipal laws?   16

राजनयिक संबंध क्या है? क्या राष्ट्रीय कानूनों पर राजनयिक संबंधों का कोई प्रभाव है? उदाहरण सहित स्पष्ट कीजिए|

8. Write down an essay on Air Space and International Laws.   16

एयर स्पेस और इंटरनेशनल लॉ पर एक निबंध लिखें|

9. Explain the following in detail: 16

निम्नलिखित के बारें में विस्तार से बताएं

  a) Piracy

   पायरेसी

  b) Transformation Theory

   परिवर्तन सिद्धांत

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Paper ID: 2966
LLM Examination, May 2021

Course: LLM   **Semester: 2ND**
Subject Code- LAW-2016   **Subject Name: Company Law &**
                                                    Social Responsibility

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below

Part – A (Compulsory)
All questions are compulsory in this part.   **8x2=16**

1. What do you mean by term 'Company'?
2. What do you mean by term 'Director'?
3. When is an office of Director of a Public Company deemed to be vacated?
4. What do you mean by Doctrine of ultra vires?
5. Explain the concept of "Lifting of corporate veil".
6. Who are said 'Company Tribunal'.
7. Explain the term 'shares'.
8. What do you mean by 'winding up'?

Part – B (Optional)

Attempt any four questions, from this part. Each question carry equal Marks.
16x4=64

9. Discuss the procedures for alteration of Articles of Association.
10. Write an eassy on reconstruction and amalgaltion.
11. What do you mean by debt capital? How it is differ from debentures & Bonds?
12. Explain the rights and duties of Managing Director, Whole Time Director and Company Secretary.
13. How an auditor may be appointed in a company. Mention the relevant provisions of Company Act, relating to appointment of first auditor of company.
14. What are the various grounds of winding up of a company? When it is considered 'just and equitable' to wind up a company. Mention the relevant decided case laws in support of your answer.
15. Discuss the various kinds of 'Meetings'. Explain the procedures to conduct the Meeting as provided in Company Act 2013.
16. What is the meaning of forfeiture and surrender of shares? Differentiate between both of these concepts.

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Paper ID: 2967
LLM Examination, May 2021

Course: LLM   **Semester: 2ND**

Subject Code- LAW-2017   Subject Name: Intellectual Property Rights

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below

Part – A (Compulsory)

All questions are compulsory in this part.   8x2=16

1. Define 'Intellectual Property'.
2. What do you mean by 'Corporeal Property'?
3. Write an overview on 'Trade Mark'.
4. What do you mean by 'Patent'?
5. Define the term 'Domain Name'?
6. What do you mean by WTO?
7. What is Design Law?
8. What is Indian IPR?

Part – B (Optional)

Attempt any four questions, from this part. Each question carry equal Marks.
16x4=64

9. What is meant by Intellectual Property? Why does intellectual property need to be promoted and protected?
10. What is the significance of intellectual property management?
11. Discuss the procedure for registration of geographical indications?
12. Why one should access the patent literature? What are the various on-line databases available that provide access to patent docoments while conducting patent search?
13. Can copyright be assigned? If so, what is the mode of assignment of the copyright?
14. What is TRIPS Agreements? Outline the main three features of the TRIPS Agreement.
15. What are the grounds for refusal of registration of a trade mark?
16. What is the Paris Convention? What are the principle features of the Paris Convention?

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Paper ID: 2968
LLM Examination, May 2021

Course: LLM   **Semester: 2nd**
Subject Code- LAW-2018   **Subject Name: Commercial Arbitrators**

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below

Part-A (Compulsory)
All questions are compulsory in this part.   8x2=16

1. What do you mean by 'Commercial Arbitration?
2. What is the Emergence of International Commercial Arbitration?
3. What do you mean by dispute resolution in International Trade?
4. What so you mean by UNCITRAL?
5. What do you mean by jurisdictional Issues?
6. When New York Convention was held and what was its object?
7. What do you mean by foreign award?
8. What is the general policy regarding enforcement of Foreign Award?

Part-B (Optional)
Attempt any **Four** questions, from this part. Each question carry equal marks.   16x4=64

9. Explain the Historical development of the International Commercial Arbitration? Explain the Nature of International Commercial Arbitration.
10. Explain the various terms which are used in International Commercial Arbitration.
11. Write an essay on 'Conflict Rule' regarding the applicability of laws in relation of International Commercial Arbitration.
12. Explain the salient features and objectives of Geneva Convention held in relation of International Commercial Arbitration.
13. Explain the difference between the 'adhoc' and the 'institutional' arbitration?
14. Write detailed note on recognition and enforcement of annulled award?
15. Write a detailed note on the Indian Law, its scope and applicability in reference of International Commercial Arbitration?
16. Write short notes on the followings:
(a) Challenges to appoint an Arbitrator.
(b) Challenges to Jurisdiction.

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Paper ID : 2969
LLM Examination, May 2021

Course : LLM   **Semester : 2ⁿᵈ**
Subject Code- Law-2019   **Subject Name : Employment**
                                                              & Service Law
Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of questions may please be written below.

PART-A (Compulsory)
All questions are compulsory in this part.

Q1 Write Short notes on the following terms.   8x2=16
1. Permanent Service
2. Compulsory Retirement
3. Adhoc Service
4. Suspension
5. Meaning of Confirmation
6. Deputation
7. Charge Sheet
8. Concept of VRS

PART-B (Optional)   16x4=64

Attempt any four questions, from this part. Each question carry equal Marks.

Q 2.What constitutional protection is provided in case of public employment under Article 16 of Indian Constitution? Explain concept of equality in matter of public employment with by referring the landmark judgements of Supreme Court in this regard?

Q 3.Write a detailed note on the concept of 'Equal Pay for Equal Work'. How this concept is protected under Indian Constitution and any other law 'If Any' in this regard.

Q 4. Explain the meaning of Administrative Tribunal? What were the main objectives of Administrative Tribunal Act, 1985? Explain the procedure prescribed to be followed by Central Administrative Tribunal.

Q5. Write an essay on the nature of the Administrative Tribunals Act, 1985?

Q6. What do you mean by the suspension and subsistence allowance as provided under CCS (CCA) Rules 1965? Explain the concept in detailed by mentioning the landmark judgements of Supreme Court in this regard.

1

Q7. Explain the rule of fixation of Seniority based of quota rota as provided under CCS rules 1965.

Q8. Write short note on the following:
    i) Annual Confidential Report (ACR)
    ii) Major Penalty

Q9. Write an essay on Conduct and Procedure on Departmental Disciplinary Enquires? Whether Supplies of copies of documents and Production of evidence, is necessary in any Departmental Enquiry?

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Paper ID: 2970
LLM Examination May, 2021

Course: LLM   **Semester: 1st**
Subject Code- LAW-2006   **Subject Name: International Organisation & Humanitarian Law**

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions may be please be written below.

Part-A

Note: this part consists compulsory 8 short questions.   8x2=16

Q1. a) Explain Legal Character of International organization.
   b) Write a comment on San-Francisco Conference on April 25,1945.
   c) Name any two conditions for membership of United Nation.
   d) Comment on Basic purpose of UN Charter.
   e) Explain administrative functions of the General Assembly.
   f) Comment on the position of trusteeship council.
   g) Draw Emblem of Int. Humanitarian Law.
   h) Mention Scope of additional Protocol of Humanitarian Law.

Part-B

Note: This part consists of 8 questions. Candidates must attempt any four questions.   4x16=64

Q.1 Write a descriptive note on the Interpretation of Preamble of UN Charter.   16
Q.2 Explain the Evolution period of United Nation.   16
Q.3 Explain the Principle of Self-determination.   16
Q.4 Write an explanatory note on the "Veto" and "Double Veto" power of security council of United Nation.   16
Q.5 Write a note on the functioning of ICJ. Comment on the nature of decisions given by ICJ.   16
Q.6 Explain the provision for the protection of wounded & sick in armed forces in the field in relation to General Convention (12 August,1949)   16
Q.7 Explain the provision for the treatment of POW (Prisioner of War) in relation to Geneva Conventionl(12 August, 1949).   16
Q.8 Explain the Administrative Role of Security Council in the function of United Nations.   16

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Note: Attempt any five questions in all, selecting atleast one question from each unit. Question no.1 is compulsory. All Questions carry equal marks.

Q.1 a) Define the major issues of Capital Market.   2x8=16

b) What is venture capital financing?

c) Distinguish between discount market and acceptance market

d) State the qualities required for a merchant bankers.

e) Explain the various features of Hire-Purchase.

f) discuss the salient features of Exim-Bank of India.

g) Define the need for a Repo Transaction.

h) What is Leverage lease?

UNIT-1

Q.2 "In spite of suitable legislature measures, the Indian Financial System remains weak" Comment.   16

Q.3 Write short notes on: 16

(A) District Rural Industries Project.

(B) Functions of NABARD

UNIT-2

Q.4 In recent years, what steps have been taken to make the Indian Money Market a developed one?   16

Q.5 Write a detailed note on the certificate of Deposit.   16

UNIT-3

Q.6 Discuss the guidelines for merchant Bankers issued by SEBI.   16

Q.7 What are the differences between the Primary Market and Secondary Market?
                                                                        16

UNIT-4

Q.8 Explain the different kinds of Leasing, also state the problems of leasing in India.
                                                                        16

Q.9 Discuss the scope, features and importance of Venture capital.   16

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Paper ID: 4015
B.Com Examination May, 2021

Course: B.Com   **Semester: 6th**
Subject Code- BCH-310   **Subject Name: Business**
                                                    Environment

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions may be please be written below.

Attempt 5 questions in all. Question No. 1 will be compulsory and rest of the four questions from each unit.

Q1 Write short notes on the following: 8x2
  a) What are the compound of Macro environment of business?
  b) What does 'SWOT' stands for?
  c) What is GDP?
  d) What are Autonomous Investments?
  e) Define Poverty.
  f) What is the Impact of Industrial sickness on economic growth?
  g) Industrial Licensing.
  h) Social injustice

Unit-1
Q2 What is the nature and dynamism of business environment? What factors trigger changes in the business environment?   16

Q3 Comment upon the implications of the declining share of agriculture in Indians national income for food processing industry in India.   16

Unit-2
Q4 What is national income? Explain trends in national income.   16

Q5 What is balance of payments? Explain the impact of recent reforms on the balance of payments.   16

Unit-3
Q6 Explain the changing dimension of unemployment in India. Discuss one important scheme to reduce unemployment.   16

1

Q7 Explain the concept of parallel economy. What is impact of parallel economy on the economic and social system in India.   16

Unit-4

Q8 How does monetary environment impact financial decision of a business organisation? Discuss in brief the present state of monetary environment in the economy.   16

Q9 Define privatisation and devaluation as elements of the reform process.   16

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Paper ID: 4071
B.com (Pass) Examination, May 2021

Course: B.com (Pass)   Semester: 6th
Subject Code- 6.01   Subject Name: Taxation Law-II

Time: 3 Hrs   Max. Marks: 80

Note: The question paper has two sections. Section 'A' comprises of small
answer types Questions and all are compulsory. Section 'B' contain 8
Question (2 questions from each unit). The students are required to
attempt 4 Question (one question from each unit).

Set-I
Section-A

Q.1 Short answer question: 8*2=16
   a) Relief in Tax
      कर में राहत
   b) Form No. 16
      फॉर्म नंबर 16
   c) Due date of Income tax return
      आयकर रिटर्न की देय तिथि
   d) Assessment officer
      आंकलन अधिकारी
   e) Assessment in Default
      डिफ़ॉल्ट में मूल्यांकन
   f) Belated Returns
      विलम्बित रिटर्न
   g) Prosecution in case of failure to furnish return on income
      आय पर विवरणी प्रस्तुत करने में विफलता के मामले में अभियोजन
   h) Total Division of HUF
      एचयूएफ का कुल विभाजन

Section-B
Unit-I
इकाई-I

Q.2 Mr. X has the following income for the previous year ended 31st March 2020.
   1. Business Profit   5,50,000
      व्यावसायिक लाभ
   2. Short term capital gain   12,000
      अल्पकालिक पूंजीकरण लाभ
   3. Long term capital gain regarding to land and Buildings   18,000
      भूमि और भवनों के संबंध में दीर्घकालिक पूंजीकरण लाभ
   4. Other long-term gain   10,000
      अन्य दीर्घकालिक लाभ
   5. Compensation for loss of agency   1,24,000
      एजेंसी के नुकसान के लिए मुआवजा
   6. Long term capital loss on sale of an asset   16,000
      एक परिसंपत्ति की बिक्री पर दीर्घकालिक पूंजी हानि
Compute the total income of Mr. X for the assessment year 2020-2021.
आंकलन वर्ष 2020-2021 के लिए श्रीमान एक्स की कुल आय की गणना करें |
OR/अथवा

Q.3 Explain the rebate and relief of tax in detail.   **16**
टैक्स में घूट और राहत के बारे में विस्तार से बताएं |

Unit-II
इकाई-II

Q.4 Explain the main provision regarding computation of total income of firm.
फर्म की कुल आय की गणना के संबंध में मुख्य प्रावधान की व्याख्या करें |

Q.5 A HUF furnishes you the following information: Rs.
एक एचयूएफ आपको निम्नलिखित जानकारी देता है

   a. Interest on govt. Securities: 16,000
      सरकारी प्रतिभूतियों पर ब्याज
   b. Insurance Premium of Members of Family: 24,000
      परिवार के सदस्यों का बीमा प्रीमियम
   c. Annual Rent of Family House: 60,000
      फैमिली हाउस का वार्षिक किराया
   d. Municipal Value of House: 84,000
      घर का नगर मूल्य
   e. Municipal Tax: 4,000
      नगर कर
   f. 50% Profit from Firm: 80,000
      फर्म से 50% लाभ
   g. Profit from speculation Business: 40,000
      सट्टा व्यवसाय से लाभ
   h. Profit from Business: 1,60,000
      व्यवसाय से लाभ
   i. Loss from Speculation Business: 50,000
      सट्टा कारोबार से नुकसान

Compute the Total Income of Family for the assessment year 2021-2022.   **16**
निर्धारण वर्ष 2021-2022 के लिए परिवार की कुल आय की गणना करें |

Unit-III
इकाई-III

Q.6 Explain the powers of Income Tax Authorities.   **16**
आयकर अधिकारियों की शक्तियों की व्याख्या करें |

Q.7 Explain the provision regarding deduction of tax at source.   **16**
स्रोत पर कर की कटौती के संबंध में प्रावधान की व्याख्या करें |

Unit-IV
इकाई-IV

Q.8 Describe the procedure for obtaining refund of tax already paid.   **16**
पहले से भुगतान किए गए कर की वापसी प्राप्त करने की प्रक्रिया का वर्णन करें |

Q.9 Describe the procedure of an appeal o the commissioner (appeals).   **16**
आयुक्त (अपील) को अपील की प्रक्रिया का वर्णन करें |

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Paper ID: 5001
Diploma in Yoga Science Examination May, 2021
Course: Diploma in Yoga Science   **Semester: 2ⁿᵈ**
Subject Code- DYST-201   **Subject Name: Yoga and Health**

Time: 3 Hrs   **Max. Marks: 100**

Part A

Write short notes on the following: 10x3=30 marks
1. Hatha Yoga   3 Marks
   हठयोग
2. Mayuransana   3 Marks
   मयूरासन
3. Trikonasana   3 Marks
   त्रिकोणासन
4. Makarasana   3 Marks
   मकरासन
5. Natarajasana   3 Marks
   नटराजासन
6. Trataka   3 Marks
   त्राटक
7. Kapalbhati   3 Marks
   कपालभाति
8. Muladhara Chakra   3 Marks
   मूलाधार चक्र
9. Ashta Sidhi   3 Marks
   अष्टसिद्धि
10. Yoga Siddhikara Bhava   3 Marks
    योग सिद्धिकर भाव

Part B

Answer any 5 of the following :   5x5=25 marks
1. Explain the types of bandhas.   5 Marks
   बन्धों के प्रकारों का उल्लेख करें |
2. Write about Moksha, Muktatma lakshana supaya.   5 Marks
   मोक्ष, मुक्तात्म लक्षण और उपायों के बारे में लिखें |
3. Explain Panchkoshas.   5 Marks
   पञ्चकोशों का उल्लेख करें |
4. Explain Naishtiki Chikitsa and Satya Buddhi   5 Marks
   नैष्ठिकी चिकित्सा और सत्याबुद्धि का उल्लेख करें |
5. What is the significance of prayer in yoga practices?   5 Marks
   योगभ्यास में प्रार्थना का महत्व क्या है?
6. What are the precautions to be taken before and during yoga?   5 Marks
   योग से पहले और उसके दौरान लेने वाली सावधानियां क्या क्या है?
7. Write about Mudras.   5 Marks
   मुद्राओं के बारे में लिखें |

Part C

Write answer to any 3 of the following: 3x15=45 marks

1. Describe the concept of stress according to modern science & yoga.   15 Marks
    तनाव की अवधारणा का वर्णन आधुनिक शास्त्र और योग के अनुसार करें |

2. Explain the role of yoga in transforming the life style.   15 Marks
    जीवनशैली का परिवर्तन में योग की भूमिका का उल्लेख करें |

3. Explain the concept of Health (Modern and ancient views)   15 Marks
    स्वास्थ्य की अवधारणा (आधुनिक और प्राचीन दृष्टिकोण) का वर्णन करें |

4. Write an essay on yoga & Value education.   15 Marks
    योग और नैतिक शिक्षा के बारे में एक उपन्यास लिखें |

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Paper ID : 6101
B.Tech. CBCS Examination, May 2021
Course : B. Tech. CBSC   **Semester : 4th**
Subject Code- CBOE-1120   **Subject Name : Communication**
                                                           Skills in English
Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of questions
      may please be written below.

Note: All questions are compulsory. Questions have internal choice.

UNIT-I
Q.1 Write short notes on any four of the following topics: 5x4=20
   a) Process of communication
   b) Myths in Communication
   c) Sender Oriented Barriers in Communication
   d) Principles for effective Communication
   e) Overcoming Barriers in Communication
   f) Role of body language in communication

UNIT-II
Q.2 What are the methods that are most effective in listening? Compare and   20
    Contrast them with methods you normally use for effective listening.
                                    OR
    What factors play an important role in having listening skills? Discuss some of
    the receiver-oriented barriers.

UNIT-III
Q.3 Attempt any two of the followings: 10x2=20
   a) How are speeches different from professional presentations? Give examples.
   b) Suppose you have been invited to deliver a keynote address in a symposium
      on the topic-"Man-made threats to environment and their remedies ". Prepare
      a draft of the you will like to deliver.
   c) What are the elements that constitute the structure of a formal text form
      (Manuscript Format) report. Explain the elements in brief.
   d) Suppose you have started your own office- ABC Consultancies, Netaji Subhash
      Palace, Pitampura, Delhi. You need ten laptop computers in your office. Write
      an enquiry letter inviting quotation to some suppliers of computers.

UNIT-IV
Q.4 Attempt any two of the following questions: 10x2=20
   a) How is Article Writing for Newspapers is different from Writing an Article for a
      magazine?
   b) Draw a bar graph and a pie-chart to illustrate situations.

1

c) How do you take notes while listening to a classroom lecture or oral presentation?

d) What points will you bear in mind while making notes after reading from various sources to prepare a draft?

e) What are prerequisities for a particular piece of Writing to be called a drama?

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Paper ID : 6103
CBCS Examination, May 2021

Course : CBCS   **Semester : 4th**

Subject Code- CBOE-1106   **Subject Name : Entrepreneurship Development**

Time: 3 Hrs   **Max. Marks: 80**

Note: Attempt Five questions, selecting one question from each unit from section B. Question N0. 1 is compulsory.

Section-A

1. Attempt all. Each carries equal marks.   5x4=20
   a. Difference between entrepreneur and business man
   b. Environmental scan
   c. Working capital
   d. Copy rights
   e. Name of 5 famous entrepreneurs in India.

Section-B
UNIT-1

2. What do you mean by entrepreneurship? Explain the role of entrepreneur in the economic development of the country.   15
3. Describe the skills required to be a successful entrepreneur? Explain in detail with example.   15

UNIT-2

4. How ideas can be converted into business? Explain the detailed process of setting up a new business.   15
5. How project report is prepared? Explain the various factors to be considered while preparing project report?   15

UNIT-3

6. What is marketing research? Explain its role and process of conducting market research.   15
7. What is the role of finance planning in stating a new venture? How financial planning can be done?   15

UNIT-4

8. Explain the various sources of finance available for setting up a new venture.   15
9. What do you mean by intellectual property rights? Explain its issues and types.   15

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Paper ID: 6104
CBCS Examination, May 2021

Course: CBCS   **Semester: 4th**
Subject Code- CBOE 1110   **Subject Name: Basic**
Statistics
Time: 3 Hrs   **Max. Marks: 80**
Note: Question 1 is compulsory, each part carries two marks. Attempt any four questions from section B selecting one question from each unit, each question carries sixteen marks.

Section A

Q.1 Briefly explain the following: 2x8=16
  a) Sampling
  b) Lorenz Curve
  c) OLS
  d) Statistical quality control
  e) Coefficient of variation
  f) Additional teorem of probability
  g) Compound annual growth rate
  h) F-test

Section B
UNIT-I

Q.2 What are the essentials of a good average? State some important measures of central tendency.   16

Q.3 An incomplete distribution is given below.   16

Variable	0-10	10-20	20-30	30-40	40-50	50-60	60-70	Total
Frequency	10	20	-	40	-	25	15	170

  i) If median is 35 then what will be missing frequency.
  ii) Calculate arithmetic mean and mode for complete data.

UNIT-II

Q.4 What is correlation? Explain various types of correlation. How correlation is different from regression.   16

Q.5 Fit a straight line trend by the method of least square to the following data and estimate the sale for the year 2020.   16

Year	2011	2012	2013	2014	2015	2016	2017	2018
Sale (Rs. Crore)	80	90	92	83	94	99	92	104

1

UNIT-III

Q.6 What are index number? Discuss the properties of an idle index number. Explain the uses and limitations of index number.   16

Q.7 What is meant by data? Discuss their main types and methods of data collection.   16

UNIT-IV

Q.8 What is statistical hypothesis? Discuss the procedure of testing a statistical hypothesis.   16

Q.9 What is analysis of variance technique? Explain its basic assumption and uses.   16

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Paper ID: 6109
CBCS Examination May, 2021

Course: CBCS   **Semester: 4ᵗʰ**

Subject Code- CBOE-1122   **Subject Name: State Politics in India**

Time: 3 Hrs   **Max. Marks: 80**

Note: Attempt Five Questions, selecting One question from each unit. 1,2,3,4. Question No. 1, is compulsory (four part). Each question will carry equal marks i.e. 16 marks.

1. Short Answer Type Questions.   **4x4=16**

(i) Reorganization of States on the basis of Language is risk to Indian Integration. Explain.

भाषा के आधार पर राज्यों का पुनर्गठन भारतीय एकता के लिए जोखिम है, व्याख्या करें |

(ii) Explain the three Traditional regarding Appointment of Governor.

राज्यपाल की नियुक्ति के संबंध में तीन परंपराओं की व्याख्या करें |

(iii) Write the composition of NITI Aayog.

नीति आयोग की संरचना लिखिए |

(iv) Write four Sepratist Movement in India.

भारत में चार अलगाववादी आंदोलन लिखिए |

Unit I
इकाई I

2. Explain the Various Determinates of State Politics in India.   16

भारत में राज्य की राजनीति के विभिन्न निर्धारकों की व्याख्या कीजिए |

3. Write a note on Reorganization of Haryana state on the basis of Language.   16

भाषा के आधार पर हरियाणा राज्य के पुनर्गठन पर एक टिप्पणी लिखे |

Unit II
इकाई II

4. Discuss the functions and Powers of Governor in Haryana.   16

हरियाणा में राज्यपाल के कार्यों और शक्तियों की चर्चा कीजिए |

5. Explain the Politics of Presidential rule in India, with ferances of Minimum two states example.   16

भारत में राष्ट्रपति शासन की राजनीति को न्यूनतम दो राज्यों के उदाहरण सहित समझाइए |

Unit III
इकाई III

6. Explain the Federal and Utility features of Indian federalism.　　　16

　भारतीय संघवाद की संघीय और एकात्मक विशेषताओं की व्याख्या कीजिए |

7. Explain the Executive and Legislative relation between Center and State.　　16

　केंद्र और राज्य के बीच कार्यकारी और विधायी संबंध की व्याख्या करें |

Unit IV
इकाई IV

8. Discuss that Naxilite movement is a challenges to Indian Internal Security.　　16

　चर्चा करें की नक्सली आंदोलन भारतीय आंतरिक सुरक्षा के लिए एक चुनौती है?

9. Write a note on Secessionist movement in Nagaland State.　　16

　नागालैंड राज्य में अलगावादी आंदोलन पर एक टिप्पणी लिखिए |

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Paper ID: 6110

80

CBCS Examination, May 2021

Course: CBCS   Semester: 4th

Subject Code- MSW-121   Subject Name: HIV/ AIDS and

Social Work Practice

Time: 3 Hrs   Max. Marks: 80

Note: Attempt Five questions in all, selecting one question from each
unit. Question No.1 is compulsory. All questions have equal marks.
एक प्रश्न चुनते हुए, कुल पांच प्रश्नों के उत्तर दीजिए|

1. Write short notes on following   2x8=16
   निम्नलिखित पर संक्षप्त टिपण्णी दीजिए|
   I) Routes of HIV Transmission
      एचआईवी संचरण के मार्ग|
   II) STD (Sexually Transmitted Disease)
      एस.टी.डी
   III) BCC (Behaviour change communication)
      बीसीसी
   IV) Referral Services
      रेफरल सेवाएं
   V) ID Users (Injecting Drug Users)
      आई.डी यूजर
   VI) DOTs Center
      डॉट्स सेंटर
   VII) NACO
      एन.ए.सी.ओ.
   VIII) Confidentiality
      गोपनीयता

UNIT-I
इकाई-I

2. Explain HIV AIDS. Trace the history of HIV AIDS in India?   16
   एचआईवी एड्स की व्याख्या करें? भारत में एचआईवी एड्स के इतिहास का पता
   लगाएं ?

OR (अथवा)

Discuss the Legal and Ethical issues related to HIV / AIDS?
एचआईवी / एड्स संबंधित कानूनी और नैतिक मुद्दों पर चर्चा करें?

1

81

UNIT-II
इकाई-II

3. Describe the importance of Pre-Test and Post- Test Counseling?   16

प्री-टेस्ट और पोस्ट-टेस्ट काउंसलिंग के महत्व का वर्णन करें?

OR (अथवा)

Describe the role to Counsellor to manage the stress of HIV infected Person?

एचआईवी संक्रमण व्यक्ति के तनाव का प्रबंधन करने में काउंसलर की भूमिका का वर्णन करें?

UNIT-III
इकाई-III

4. Define specific Target Group. What will be the Social Work intervention with the injecting Drug Users?   16

विशिष्ट लक्ष्य समूह को परिभाषित कीजिए? इंजेक्शन से ड्रग्स उपयोगकर्ताओं के साथ समाज कार्य हस्तक्षेप क्या होगा?

OR (अथवा)

Write a note on ART. Describe it's importance to overcome the problems faced by PLHA.

एआर टी पर एक नोट लिखे| संक्रमित व्यक्ति को होने वाली समस्याओं को दूर करने में इसका महत्व बताएं?

UNIT-IV
इकाई-IV

5. Briefly explain the International Policies to prevent and control the HIV Infection?   16

एचआईवी संक्रमण को रोकने और नियंत्रित करने के लिए अंतर्राष्ट्रीय नीतियों की व्याख्या करें?

OR (अथवा)

Discuss the Role of Social Working with affected Person and Family member? Explain with field based examples?

प्रभावित व्यक्ति और परिवार के सदस्य के साथ काम करने वाले समाज कार्यकर्ता की भूमिका पर चर्चा करें? क्षेत्र आधारित उदाहरणों के साथ समझाएं?

****

2

Paper ID: 6112
CBCS Examination, May 2021

Course: CBCS   **Semester: 4ᵗʰ**
Subject Code- MSW-II   **Subject Name: Area of Social work**
Practice

Time: 3 Hrs   **Max. Marks: 80**

One question from each Unit to be attempted. Question No 1 is compulsory.

Q1 Write short notes: **2x8=16**

1) Family Counseling
   परिवार परामर्श
2) Human Rights
   मानवाधिकार
3) Globalization
   वैश्वीकरण
4) Vulnerable Section of the Society
   समाज का कमजोर वर्ग
5) Marriage
   विवाह
6) Intervention
   हस्तक्षेप
7) Day Care Centre
   दिवस देखभाल केंद्र
8) Old Age
   बुढ़ापा

Unit-1
इकाई-1

Q2 Discuss family is primary group & describe its philosophy and objectives in
India context.   16

परिवार एक प्राथमिक समूह है और भारत के संदर्भ में इसमें दर्शन और उद्देश्यों का वर्णन करें |

Or/अथवा

Describe the scope of family welfare services and their importance in improving
the condition of Indian families.   16

भारतीय परिवारों की स्थिति में सुधार के लिए परिवार कल्याण सेवाओं के दायरे और उनके महत्व का
वर्णन करें |

Unit-2
इकाई-2

Q3 Define government school. What are different roles of social workers in addressing the challenges faced by Government schools. 16

सरकारी स्कूल को परिभाषित करें | सरकारी स्कूलों के सामने आने वाली चुनौतियों के समाधान में सामाजिक कार्यकर्ताओं की क्या अलग-अलग भूमिकाएँ हैं?

Or/अथवा

What is the contribution services in maintaining and protecting a justice, peaceful and safe safety? 16

न्यायपूर्ण, शांतिपूर्ण और सुरक्षित समाज को बनाए रखने और सुरक्षा में सुधार सेवाओं का क्या योगदान है?

Unit-3
इकाई-3

Q4 What are problems faced by rural women and role of social worker in empowering them with relevant examples. 16

ग्रामीण महिलाओं को किन समस्याओं का सामना करना पड़ता है और प्रासंगिक उदाहरणों के साथ उन्हें सशक्त बनने में सामाजिक कार्यकर्ता की भूमिका |

Or/अथवा

What is the condition of the families belonging to the vulnerable sections of society. 16

समाज के कमजोर वर्गों के परिवारों की क्या स्थिति है?

Unit-4
इकाई-4

Q5 Discuss how Urbanization is responsible for changing various functions of a family with relevant examples. 16

चर्चा करे की प्रासंगिक उदाहरण वाले परिवार के विभिन्न कार्यों को बदलने के लिए शहरीकरण कैसे जिम्मेदार है?

Or/अथवा

Define Rural Development. Describe the various reasons of non-participation of people in rural development. 16

ग्रामीण विकास को परिभाषित करें | ग्रामीण विकास में लोगों की गैर-भागीदारी के विभिन्न कारणों का वर्णन करें |

****

Course: CBCS Russian   **Semester:**

Subject Code- CBOE-1126   **Subject Name: Elementary Russian**

Time: 3 Hrs   **Max. Marks: 80**

Instructions: Attempt <u>Five</u> Questions,

1. *Attempt all. Each carries equal marks.*   (4*5=20)
   a. Поставьте вопросы.
      Ask questions.

   i.   -Да, папа дома.
   ii.   -Это музей.
   iii.   -Да, там метро.
   iv.   -Да, тут дом.
   v.   -Да, это книга.
   vi.   -Бабушка дома.
   vii.   -Да, тут сыр.
   viii.   -Это студент и студентка.

   b. Поставьте вопросы «Кто это?» или «Что это?» к подчёркнутым словам.
      Ask the question "кто это?" or "Что это?" about the underlined words.

   i.   Это <u>муж и жена</u>.
   ii.   Это <u>карандаш</u>.
   iii.   Это <u>бизнесмен</u>.
   iv.   Это <u>врач.</u>
   v.   Это <u>автобус.</u>
   vi.   Это <u>инженер.</u>
   vii   Это <u>учебник</u>
   viii.   Это <u>журналист</u>

   c. Позвоните и узнайте, дома ли Мукта.
      Make a telephonic conversation and ask whether Mukta is at home?

   d. Найдите ответную реплику.
      Match the following.

i.	Маниша, здравствуйте!	Спасибо, хорошо.
ii.	Как ваши дела?.	Урок завтра утром, в 10 часов.
iii.	Скажите, пожалуйста, когда урок?	Ничего, пожалуйста.
iv.	Где моя ручка?	Здравствуйте!
v.	Спасибо, извините.	Ручка там.
vi.	Очень приятно!	Нельзя.
vii.	До встречи.	Очень Приятно!
viii.	Можно?	До встречи.

   e. Распределите слова на 3 группы в соответствии с их родом.
      (лампа, ручка, карандаш, клуб, здание, молоко)
      Rearrange words given above in 3 groups according to their gender.

   Он   Она   Оно

Section-A (20)

2. a. Поставьте предложения.
   Make sentences.

   1*10=10

   i.   шкаф
   ii.   школа
   iii. Индия
   iv.   друг
   v.   метро
   vi.   здесь
   vii. там
   viii. Анна
   ix.   книга
   x.   мама

b. Дайте утвердительные и отрицательные ответы на вопросы.

   1*10=10

Answer the questions in the affirmative and in negative

   i.   Это университ?
   ii.   Это студент?
   iii. Это учебник?
   iv.   Это машина?
   v.   Это брат?
   vi.   Это Сонипат?
   vii. Это окно?
   Viii. Это такси?
   ix.   Это дом?
   x.   Это театр?

Section-B (15)

3. a. Замените подчёркнутые слова личными местоимениями.
   "он ", "она", "оно"

   ½*10= 5

   Fill in the blanks with personal pronouns.

   i.   Это ваша <u>карта.</u>   .... там.

   ii.   Это твой <u>ручка.</u>   .... Здесь.

   iii. Это ваш <u>бабушка.</u>   .... дома

   iv.   Это мой <u>папа.</u>   .... слева.

   v.   Это твоё <u>платье.</u>   ....тут

   vi.   Это моя <u>мама.</u>   .... врач.

   vii. Это наше <u>окно.</u>   .... там.

   viii. Эта мой <u>дедушка.</u>   .... инженер.

   ix.   Эта моя <u>сестра.</u>   .... дома.

   x.   Это наш <u>университет.</u>   .... справа.

b. Переводите текст с русского на английский и наоборот.   2 ½ *2= 5
   Translate the text from Russian into English and vice versa.

i.   Сонал: - Алло!
     Суман: - Да, да! Кто это? Это Сонал?
     Сонал: - Да, Сонал. Когда урок?
     Суман: - Урок завтра утром!
     Сонал: Спасибо!

ii. This is my university. There is a school and library. Here is the
     park. This is a building. Here is my class.

c. Поставьте вопросы к подчёркнутым словам.   ½ *10=5
   Ask questions about the underlined words.

i   Это Гита и Раман.

ii   Брат там, сестра тут.

iii   Урок утром.

iv   Обед днём.

v   Это книга и учебник.

vi   Здесь магазин.

vii   Это Винай

viii Это сын и дочь.

ix   Мама и папа дома.

x   Это суп и сыр

Section-C (15)

4. a. Читайте текст и ответьте на вопросы к тексту: ½*10= 5
   (Read the text and answer the questions below)
   *Это наш дом. А это наш комната. Вот мой брат и моя сестра. Они
   студенты. А это я Анна Ивановна. Я учителница. Там мой компьютер и
   сканер. Сейчас мы дома. Мой папа экономист и мама инженер.*

i.   Что это?
ii.   А это что?
iii. Где твой брат и твоя сестра?
iv.   Кто они?
v.   А это кто?
vi.   Кто я?

vii. Что там?
viii. Где мы сейчас.
ix. Кто мама?
x. Кто папа?

b. Вместо точек вставьте нужные притяжательные местоимения.
Fill in the blanks with suitable possessive pronouns   1*5=5

i.   Это .... школа.   мой, моя, моё
     Это .... дедушка
ii. Это .... врач.   твой, твоя, твоё
     Это .... метро.
iii. Это .... окно.   наш, наша, наше
     Это .... мама.
iv. Это .... университет.   ваш, ваша, ваше
     Это .... киоск.
v.   Это .... дача.   его, её, их
     Это .... стакан.

c. Поставьте предложения, используя притяжательные местоимения: мой, моя,
моё, твой, твоя, твоё, наш, наша, наше, ваш, ваша, ваше.   ½*10=5
Make sentences using possessive pronoun.

i.   Индия
ii.   библиотека
iii. друг
iv.   учебник
v.   доска
vi.   ученик
vii. дядя
viii. книга
ix.   завод
x.   штат

Section-D (10)

5. a. Напишите название.   ½ *10=5
Write the names of:

вещи на уроке /things we see in the   *члены семьи / members in family*
classroom

i.   i.
ii.   ii.
iii.   iii.
iv.   iv.
v.   v.

b. Расскажите о себе.   1*5=5
Write about yourself in 10 sentences.

ВСЕГО ДОБРОГО!!

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Paper ID: 6116

CBCS Examination May, 2021

Course: CBCS   Semester: 4ᵗʰ

Subject Code- CBOE-1114   Subject Name: Solid Waste
                                                        Management

Time: 3 Hrs   Max. Marks: 80

Note: If any, regarding the number of questions to be attempt and mode of selection of questions may please be written below.

Note: Attempt five questions in all by selecting at least one question from each unit along with Q. No.1 which is compulsory. All questions carry equal marks.

Q.1 Write explanatory notes on: 4x4=16
व्याख्यात्मक नोट्स लिखें:
  (i) Classification of solid waste
      ठोस कचरे का वर्गीकरण
  (ii) Recycling of solid waste
      ठोस कचरे का पुनर्चक्रण
  (iii) Types of hazardous waste
      खतरनाक कचरे के प्रकार
  (iv) Color coding system
      रंग कोडिंग प्रणाली

Unit-1
इकाई-1

Q.2 Define the term solid waste. Discuss in detail about the process of solid waste collection and transportation adopted by municipality in your city.   16
ठोस अपशिष्ट शब्द की परिभाषा दीजिए | अपने शहर में नगर पालिका द्वारा अपनाए गए ठोस अपशिष्ट संग्रह और परिवहन की प्रक्रिया के बारे में विस्तार से चर्चा करें |

Q.3 Discuss in brief about the various methods of solid waste disposal used in India.   16
भारत में उपयोग किए जाने वाले ठेस-अपशिष्ट निपटान के विभिन्न प्रबंधनमें जनताकी भूमिका का उल्लेख कीजिए |

Unit-2
इकाई-2

Q.4 What do you mean by solid waste management? State the role of public in solid waste management. 16

ठोस अपशिष्ट प्रबंधन से आप क्या समझते हैं? ठोस अपशिस्ट प्रबंधन में जनता की भूमिका का उल्लेख कीजिए |

Q.5 Why sanitary landfill is most preferred method of waste disposal? Describe the design and operation of a sanitary landfill with neat sketch. 16

सैनिटरी लैंडफिल अपशिष्ट निपटान का सबसे पसंदीदा तरीका क्यों है? स्वच्छ रेखाचित्र के साथ एक स्वच्छता लैंडफिल के डिज़ाइन और संचालन का वर्णन करें |

Unit-3
इकाई-3

Q.6 Describe the various techniques of hazardous waste processing and methods of disposal. 16

खतरनाक अपशिष्ट प्रसंस्करण की विभिन्न तकनीकों और निपटान के तरीकों का वर्णन करें |

Q.7 Define E-waste and discuss its harmful effects on human health and environment. 16

ई-अपशिष्ट को परिभाषित कीजिए तथा मानव स्वास्थ्य एवं पर्यावरण पर इसके हानिकारक प्रभावों की विवेचना कीजिए |

Unit-4
इकाई-4

Q.8 Why biomedical waste management is necessary? Discuss about various steps involved in biomedical waste management. 16

बायोमेडिकल वेस्ट मैनेजमेंट क्यों जरुरी है? जैव चिकित्सा अपशिष्ट प्रबंधन में शामिल विभिन्न चरणों के बारे में चर्चा करें |

Q.9 Discuss about generation and utilization of fly ash in India. 16

भारत में फ्लाई ऐश के उत्पादन और उपयोग के बारे में चर्चा करें |

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Paper ID: 8001
B.Com Examination, May 2021

Course: B.Com **Semester: 6th**
Subject Code- 6.01 **Subject Name: Taxation Law – II**

Time: 3 Hrs **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions, may please be written below.

Note: Attempt one question from each unit, Question no. 1 is compulsory. Do five questions in all.

नोट: प्रत्येक इकाई से एक प्रश्न चुनते हुए , कुल पांच प्रश्न के उत्तर दीजिए | प्रश्न संख्या 1 अनिवार्य है।

1. Write short notes on following **2x8=16**
   निम्न पर संक्षिप्त टिप्पणी लिखिए |
   a. Alternative minimum Tax.
      अनुकल्पी न्यूनतम कर।
   b. Rebate of tax
      कर में कटौती
   c. Explain the difference between a Hindu undivided family and a firm
      हिन्दू अविभाजित परिवार व फर्म में अंतर बताइए |
   d. Who can be a partner of a firm?
      फर्म का साझेदार कौन हो सकता है?
   e. Explain the term 'Book Profit'
      'पुस्तक लाभ' को संक्षिप्त में समझाइए |.
   f. Permanent Account Number
      स्थायी खाता संख्या
   g. Advance Payment of Tax
      कर का अग्रिम भुगतान
   h. Who is an Assessing officer.
      कर – निर्धारण अधिकारी कौन है?

Unit – I
इकाई – I

2. You are required to compute the net tax liability or tax refundable, if any, from the following particles of income of an assesses for the Assessment year 2021-21:
   निम्न सूचनाओं के आधार पर आप एक करदाता के शुद्ध कर – दायित्व या कर वापसी की गणना कर – निर्धारण वर्ष 2020-21 के लिए कीजिए |
   1. Salary 6,00,000
      वेतन
   2. D.A 72000
      महंगाई भत्ता
   3. Received Rent of Property 80,000
      मकान का किराया मिला

4. Interest paid on loan taken for repair of Property   30,000
   मकान की मरम्मत के लिए, लिए गए ऋण पर ब्याज दिया

5. Interest received on time deposit with PNB   54,000
   PNB में सावधि जमा पर ब्याज मिला

6. He contributed to Recognized Provident Fund @ 10% as premium on his life insurance policy.
   उसने प्रमाणित प्राविडेंट फण्ड में अपने वेतन का 10% अंशदान दिया तथा 10,000 अपनी जीवन बीमा पालिसी पर प्रीमियम दिया |

7. He paid medical insurance premium for self by cheque ₹ 20,000.   **16**
   उसने चेक द्वारा 20,000 स्वयं का चिकित्सा बीमा प्रीमियम दिया |

3. The following statement for the financial year 2017-18 of Mrs. Meena:

   श्रीमती मीना का वित्तीय वर्ष 2017-18 का विवरण निम्नानुसार हैं:

Salary वेतन	2,60,000
Gain from Capital (long term) पूंजी सम्पति से लाभ (दीर्घकालीन)	50,000
Dividend from V.T.I यू.टी.आई से लाभांश	1200
Income from Royalty (Mines) खान की रॉयल्टी से आय	20,000
Interest from Dena Bank (Saving Acc) देना बैंक से ब्याज (बचत खाता)	4000
Rent paid for a house in Indore (She is not received House Rent Allowance) इंदौर में एक मकान का किराया चुकाया (उसे मकान किराया भत्ता नहीं मिलता है)	33,000

   Compute her total income and tax liability for Assessment year 2018-19.   **16**
   कर निर्धारण वर्ष 2018-19 में उनकी कुल आय एवं कर दायित्व ज्ञात कीजिए |

4. Discuss the basic of assessment of a Hindu Undivided family.   **16**
   एक अविभाजित हिन्दू परिवार के कर- निर्धारण के आधार का वर्णन कीजिए |

5. Profit & Loss account of ABC & W. (a firm of chartered accountants) for the year ended 31st March,2018 is as following:

   31 मार्च , 2018 का ABC & W. का (चार्टर्ड एकाउंटेंट्स की एक फर्म) समाप्त होने वाले वर्ष का लाभ–हानि खाता इस प्रकार है:

Expenses व्यय	82000	Receipts from client and audit fees ग्राहको से प्रासियां तथा अंकेक्षण शुल्क	1,80,000
Depreciation ह्रास	20,000		
Remuneration to	60,000	Divided from	15000

Partners सांझेदारो का पारिश्रमिक		Companies (Gross) कम्पनियों से लाभांश (सकल)	
Interest to Partners सांझेदारो को ब्याज	35000	Net Loss शुद्ध हानि	2000
	1,97,000		1,97000

Other information:

अन्य सूचनाएं :

(1) Out of expenses of Rs 82000, Rs 17,400 is not deductible as per sections 36 & 37.

82000 रुपये के व्यय में से 17,000 रुपये के व्यय धारा 36 & 37 के अनुसार नहीं जा सकते हैं |37.

(2) Depreciation as per section 32 is Rs 17,500.

धारा 32 के अनुसार ह्रास 17,500 रुपये है |

(3) Interest to partners is fully deductible under section 40 (b).

धारा 40 (b) के अन्तर्गत साझेदारों के ब्याज को पूरा घटाया जा सकता है |

(4) A & B share profit equally.

A और B लाभ बराबर बांटते हैं |

Find out the amount of net income and tax liability of the firm for the Assessment year 2018-19. The firm Fulfils the conditions of sec.184.   16

कर-निर्धारण वर्ष 2018-19 के लिए फर्म की शुद्ध आय तथा कर दायित्व ज्ञात कीजिए | फर्म धारा 184 की शर्ते पूरी करती है |

6. Explain briefly the different types of assessment.   16

कर – निर्धारण की विभिन्न विधियों को संक्षेप में समझाइए |

7. What are the payments and which tax is deducted at source?   16

वे भुगतान कौन से हैं जिनसे उदगम स्थान पर कर काटा जाता है?

8. Discuss the Provision of payment and recovery of Tax. Discuss the different modes of recovery.   16

कर के भुगतान एवं वसूली के प्रावधान समझाइए | वसूली की विभिन विधियों का वर्णन कीजिए |

9. Under the Income Tax Act who should be held liable and punished for offences committed by Companies, firms and Hindu undivided families?   16

कम्पनी, फर्म तथा हिन्दू अविभाजित परिवारों द्वारा जुर्म करने पर आय कर अधिनियम के अन्तर्गत कौन जिम्मेदार होगा तथा किसे सजा दी जायेगी |

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Paper ID: 8002
B.Com III PASS Examination May, 2021
Course: B.Com III PASS   **Semester: 6th**
Subject Code- 6.02   **Subject Name: Cost Accounting - II**

Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of selection of questions may please be written below.
Attempt 05 questions in all, selecting 01 question from each unit. Question No. 01 is compulsory. All questions carry equal marks.
प्रत्येक इकाई से एक प्रश्न चुनते हुए, कुल पांच प्रश्नों के उत्तर दो | प्रश्न संख्या 01 अनिवार्य है | सभी प्रश्नों के अंक समान है |

Q1 a) What do you understand by Abnormal Wastage?
असामान्य क्षय से आप क्या समझते है?
   b) Name the Industries where Process Costing is applied.
   उन उद्योगों के नाम बताऐ जहां प्रक्रिया परिव्ययांकन लागू होता है |
   c) What is a Batch Costing?
   समूह लागत विधि क्या है?
   d) What is Escalation Clause?
   वृद्धि वाक्यांश क्या है?
   e) What is meant by Flexible Budget?
   लोचदार बजार से क्या आशय है?
   f) Explain the term Variance.
   विचरण शब्द की व्याख्या कीजिए |
   g) What is B.E.P.?
   सम-विच्छेद बिन्दु क्या है?
   h) What is Contribution?   2x8=16
   अंशदान क्या है?

Unit-I
इकाई-I

Q2 A Ltd. produces a product which passes through two processes. Following data are available :-

	Process-I Rs.	Process-II Rs.	Finished Stock Rs.
Opening stock	7,500	9,000	22,500
Direct Material	15,000	15,750	-
Direct Wages	11,200	11,250	-
Factory Overheads	10,500	4,500	-
Closing Stock	3,700	4,500	11,250
Inter-Process Profit Including Opening Stock	-	1,500	8,250

Output of Process I is transferred to Process II at 25% profit on the transfer price, output of Process II is transferred to finished stock at 20% profit on transfer price. Stock in process are valued at prime cost. Sale during the period are Rs. 1,40,000.

प्रक्रिया I का उत्पादन प्रक्रिया II को हस्तांतरित कीमत पर 25% लाभ पर तथा प्रक्रिया II से निर्मित स्टॉक में हस्तांतरित कीमत पर 20% लाभ लेकर हस्तांतरित किया जाता है | प्रक्रिया में स्टॉक का

1

मूल्यांकन प्राथमिक लागत पर होता है | अवधि की बिक्री रु 1,40,000 है |

Prepare Process and Finished stock A/c and Compute actual realized Profit.
प्रक्रिया खाता, निर्मित स्टॉक तथा वास्तविक प्राप्त लाभ बताइए |

Q3 Define and explain the terms Joint product and by-Product. Explain the methods which may be employed in costing Joint Products.   16
संयुक्त उत्पाद तथा उपोत्पाद को परिभाषित करो | उन पद्धतियों को बताऐ जो संयुक्त उत्पादों के परिव्ययांकन में प्रयोग की जाती है |

Unit-II
इकाई-II

Q4 Following expenses were incurred by a Contractor on a Contract:
एक ठेकेदार ने ठेके पर निम्न व्यय किऐ:
Materials Rs. 40,000, Wages Rs. 50,000, Other Expenses Rs. 15,000, Plant Rs. 50,000, Work certified Rs.1,20,000, Uncertified Rs. 60,000, Plant at the close Rs. 43,000, cash received Rs. 1,00,000 materials returned to stores 2,000.
Prepare Contract A/c and Work-In-Progress A/c Assume Contract Price as Rs. 6,50,000.   16
ठेका खाता ओर चालू कार्य खाता बनाऐ | ठेके की कीमत 6,50,000 रु मान ले |

Q5 What is Job Costing? How does it differ from Contract Costing? Explain.   16
उपकार्य लागत विधि क्या है? यह ठेका लागत विधि से किस प्रकार भिन्न है? स्पष्ट कीजिए |

Unit-III
इकाई-III

Q6 What is Budgeting? Explain the different types of Budgets.   16
बजटिंग क्या है? बजटों के विभिन्न प्रकारों की व्याख्या कीजिए |

Q7 The standard cost of a chemical mixture is as under:
एक रासायन-मिश्रण की प्रमाप लागत निम्न प्रकार है :
40 Ton of material X @ Rs. 100 per ton.
60 Ton of material Y A Rs, 150 per ton.
Standard Loss 10%.
Actual cost the Period is as under:
अवधि की वास्तविक लागत निम्न प्रकार है :
45 Ton of material X @ Rs. 80 per ton.
55 Ton of material Y @ Rs. 170 per ton.
Actual yield is 91 ton
Compute Material Variances.
सामग्री विचरणों की गणना कीजिए |

Unit-IV
इकाई-IV

Q8 A company gives you the following information:

Year	Sales Rs.	Cost Rs.
2012	25,000	24,000
2013	40,000	36,000

Calculate
गणना कीजिए

a) P/v Ratio.
   लाभ-मात्रा अनुपात
b) B.E.P.
   सम-विच्छेद बिन्दू
c) The profit or loss when sales Rs. 30,000.
   30,000 रु की बिक्री पर लाभ या हानि
d) The sales required to earn a profit of Rs. 3,000.   16
   3,000 रु लाभ कमाने के लिए आवश्यक बिक्री

Q9 What is Marginal Costing? Distinguish between Marginal Costing and Absorption
Costing.   16
सीमान्त लागत पद्धति क्या है? सीमान्त लागता पद्धति तथा अवशोषण लागत पद्धति में अन्तर
कीजिए |

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Paper ID : 8003
B.Com III Examination, May 2021

Course : B.Com III   Semester : 6th
Subject Code- 6.03   Subject Name : Financial
                                       Management

Time: 3 Hrs   Max. Marks: 80

Note: If any, regarding the number of questions to be attempt and mode of questions
      may please be written below.

Note: Attempt five questions in all. Question No.1 is compulsory. Choose one
      question from each section. Each section carries equal marks.

Q.1 a) Define Finance Function.   2x8=16
      वित् कार्य को परिभाषित कीजिए|
   b) What is Gross Working Capital Concept?
      सकल कार्यशील पूँजी अवधारणा क्या है?
   c) Explain temporary working Capital Concept?
      अस्थायी कार्यशील अवधारणा क्या है?
   d) What do you mean by Cash need?
      रोकड़ की आवश्यकता से आपका क्या अभिप्राय है?
   e) What is cost of capital?
      पूँजी की लागत किसे कहते है?
   f) What is meant by under-capitalisation?
      अतप-पूंजीकरण का क्या अर्थ है?
   g) What is operating leverage?
      संचालन लिवरेज क्या होती है?
   h) Why investors prefer dividend?
      विनियोजक लाभांश क्यों पसंद करते है?

UNIT-I
इकाई-I
Q.2 What is meant by Finance Function? Explain its approaches.
    वित् कार्य का क्या अर्थ है? इसकी विचारधाराओं का वर्णन करें|
Q.3 Define Financial Management. Discuss its Objectives and importance.
    वित्तीय प्रबंध की परिभाषा दीजिए| इसके उद्देश्य तथा महत्व का वर्णन कीजिए|

UNIT-II
इकाई-II
Q.4 Compute working capital requirements from the following details:-
    निम्नलिखित से कार्यशील पूंजी की गणना कीजिए:

Budgeted Sales अनुमानित विक्रय	20,000 units per annum Rs.
Raw material Cost Per unit कच्चे माल की लागत प्रति इकाई	8
Direct Labour Per Unit प्रत्यक्ष श्रम प्रति इकाई	8

1

Overhead per unit उपरिव्यय प्रति इकाई	2
Total Cost per unit कुल लागत प्रति इकाई	18
Profit per unit लाभप्रती इकाई	2
Selling price per unit विक्रय लागत प्रतिइकाई	20

Additional information:-

अतिरिक्त सूचना

i) Raw material will be carried in stock for 4 weeks and finished goods for 2 weeks.

कच्चा माल स्टाक में 4 हफ्ते व निर्मित माल 2 हफ्ते रहेगा

ii) Factory processing will take on an average 3 weeks.

फैक्टरी प्रोसेसिंग औसत 3 हफ्ते रहेंगी

iii) Suppliers provide 6 weeks credit

पूर्तिकर्ता 6 हफ्ते का समय देंगे

iv) Debtors are allowed 8 weeks credit.

देनदारों को 8 हफ्ते का समय दिया जाता है

Assume labour and overhead expenses to accure evenly throughout the production cycle

यह मान कर चलें की मजदूरी तथा उपरिव्यय खर्च पूरे संचालन चक्र के दौरान समान रूप से होते रहते है |

Q.5 Discuss the devices of cash management in brief.

रोकड़ प्रबंध के साधनों का संक्षेप में वर्णन करें|

UNIT-III
इकाई-III

Q.6 A company issues Rs.5,00,000, 10%. Redeemable cost of flotation amount to 4% of face value. The Tax Rate is 35%. You are required to calculate before tax and after tax cost of debt if the debentures are issued

एक कम्पनी 10% शोधनीय ऋणपत्रों का निर्गमन करती है जिनका शोधन 5 वर्ष के बाद होना है उनकी निर्गमन लागत फेस वेल्यू का 4% है| कर की दर ३५% है? आपको शोधनीय ऋण की लागत क्र के पूर्व व् क्र के पश्चात झाटी करनी है यदि ऋण को निर्गमित किया जाता है:

a) at Per

सम पर

b) at a discount of 10%

10% छूट पर

c) at a premium of 5%

5% प्रीमियम पर

Q.7 What do you mean by capitalization? Explain the earning therapy of capitalization.

पूँजीकरण से आपका क्या अभिप्राय है? पूँजीकरण से आय सिद्धांत को समझाइए |

98

UNIT-IV
इकाई- IV

Q.8 You are required to compute the market value of the firm, value of shares and average cost of capital from the following information according to traditional approach.

फर्म का बाज़ार मूल्य, अंश की कीमत तथा पूँजी की औसत लागत की परम्परागत विचारधारा से गणना कीजिए:-

	Rs.
Net Operating Investment	3,50,000
शुद्ध आय संचालन	
Total Investment	15,00,000
कुल विनियोग	
Equity Capitalisation Rate:-	
समता पूँजीकरण दर	
(i) If firm uses no debt	10%
जब फर्म कोई ऋण प्रयोग नहीं करती	
(ii) If the firm uses Rs. 8,00,000 debt	11%
जब फर्म Rs. 8,00,000 ऋण प्रयोग नहीं करती	
(iii) If the firm uses Rs. 10,00,000 debt	13%
जब फर्म Rs. 10,00,000 ऋण प्रयोग नहीं करती	

You have to assume that cost of debt of Rs. 8,00,000 is 6% and that of Rs.10,00,000 is 8%.

यह मानते हुए भी Rs. 8,00,000 की ऋण की दर 6% है तथा Rs. 10,00,000 की 8% है |

Q.9 What is divided policy? Explain the factors influencing the dividend policy of a company.

लाभांश नीति क्या है? कम्पनी की लाभांश नीति को प्रभावित करने वाले तत्वों का वर्णन कीजिए |

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Paper ID : 8004
B.Com III (Pass) Examination, May 2021

Course : B.Com III (Pass)   **Semester : 6th**
Subject Code- 6.04   **Subject Name : Auditing**
Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of questions may please be written below.

Note: Attempt five questions in all. Question No.1 is compulsory. Choose one question from each section. Each section carries equal marks.

प्रत्येक इकाई से एक प्रश्न चुनते हुये, कुल पांच प्रश्न कीजिये| प्रश्न संख्या 1 अनिवार्य है| सभी प्रश्नों के अंक समान है |

Q.1 i) State briefly the essential qualities on auditor.   2
एक अंकेक्षक के मुख्य गुण संक्षेप में बताइए|

ii) What are the objects of Verification?   2
सत्यापन का क्या महत्व है|

iii) What is statutory Audit?   2
वैधनिक अंकेक्षण लय है?

iv) Distinguish between Internal Control and Internal check.   2
इंटरनल कंट्रोल और इंटरनल चेक में क्या विभिनता है|

v) Explain the kinds of Vouchers   2
प्रमानकों के भेद बताइए|

vi) Distinguish between provision and Reserve.   2
संचम एंब आयोजन में अंतर कीजिए|

vii) What do you mean by Dividend?   2
लाभांश क्या है?

viii) What is Partial Audit Report?   2
आंशिक रिपोर्ट क्या है?

UNIT-I
इकाई-I

Q.2 Briefly discuss the advantages and limitations of Audit.   16
अंकेक्षण के लाभों एंव सीमाओं का संक्षेप में वर्णन कीजिए|

Q.3 What is meant by internal check? What are its objects? Explain the essentials of systematic internal check?   16
आन्तरिक निरिक्षण का क्या अर्थ है? इसके क्या उद्देश्य है? एक सुव्यवस्थित आंतरिक निरीक्षण प्रणाली के मुख्य लक्षणों का वर्णन कीजिए |

UNIT-II
इकाई-II

1

Q.4 "Vouching is the essence of Auditing". Explain. 16

" प्रमाणन अंकेक्षण का सार है|" वर्णन कीजिए|

Q.5 What are the main objects of verification of Assets? What are the duties of an auditor in this regard? 16

संम्पतियों के सायापन के मुख्य उद्देश्य क्या है? इस संबंध में अंकेक्षक के क्या कर्त्तव्य है?

UNIT-III
इकाई-III

Q.6 "An Auditor is a watch dug and not a blood wound". In the light of this statement, narrate the duties of a company Auditor. Also give some case laws. 16

"अंकेक्षक एक रखवाली करने वाले कुत्ते के समान है; शिकारी कुत्ते के समान नही|" इस कथन को ध्यान में रखते हुए कंपनी अंकेक्षक के कर्त्तव्य बताईए|किसी विवाद का गणना भी कीजिए|

Q.7 What are divisible Profits? What are the legal Provisions regarding divisible profits? 16

विभाजन योग्य लाभ क्या है? विभाजन योग्य लाभ के संबंध में क्या वैधानिक प्रावधान है?

UNIT-IV
इकाई-IV

Q.8 What is Qualified Report? In what circumstances it is considered to be necessary. Give its specimen? 16

मर्यादित रिपोर्ट क्या है? यह किन परिस्थितियों में आवश्यक होती है? इसका एक नमूना प्रस्तुत करें|

Q.9 What do you mean by term Investigation? Distinguish between Audit and Investigation . 16

अनुसंधान शब्द से आप क्या समझते है? अंकेक्षण एंव अनुसंधान में अंतर कीजिए|

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Paper ID : 8005
B.Com-III , May 2021

Course :B.Com –III (Pass)   **Semester : VI**
Subject Code- 6.05   **Subject Name : Goods &**
                                           Service Tax (GST)
Time: 3 Hrs   **Max. Marks: 80**

Note: If any, regarding the number of questions to be attempt and mode of questions
      may please be written below.

Note: Attempt Five questions in all, selecting one question from each
         unit in addition to compulsory. Q No 1. All questions carry equal
         Marks.

प्रत्येक इकाई से एक प्रश्न चुनते हुए कुल पाँच प्रश्नों के उत्तर दीजिए|

प्रश्न संख्या न॰1 अनिवार्य है| सभी प्रश्नों के अंक समान है|

Q.1 Write a short note on:
    संक्षेप में उत्तर दीजिए

 (i) Composite Supply   2
     समग्र आपूर्तियाँ

 (ii) Collection of Tax   2
      कर संग्रह

 (iii) Continuous Journey   2
       निरंतर यात्रा

 (iv) Value of Taxable Supply   2
      कर योग्य आपूर्ति

 (v) Revised Invoice   2
     संशोधित बीजक

 (vi) Electronic Cash Ledger   2
      इलैक्ट्रॉनिक नकद खातें

 (vii) Custom Duty   2
       सीमा शुल्क

 (viii) Self- Assessment   2
        स्व-निर्धारण

UNIT-I
इकाई-I

Q.2 Describe administrative set-up under the state Goods+ Service Tax
    Act.   16
    राज्य सामान एंव सेवा पर अधिनियम के तहत प्रशासनिक व्यवस्था का
    वर्णन करें|

Q.3 Discuss benefits and drawbacks of registering under GST Composition Scheme. 16

जी एस टी प्रशमन योजना के तहत पंजीकरण के लाभों तथा दोषों पर चर्चा करें|

UNIT-II
इकाई-II

Q.4 Describe provisions related with place of supply of Goods imported into, or exported from India. 16

भारत में आयातित या नियातित माल की आपूर्ति का स्थान से सम्बन्धित प्रावधानों का वर्णन करें|

Q.5 i) Describe documents required to claim ITC 8x2=16.

इनपुट कर क्रेडिट का दावा करने के लिए आवश्यक दस्तावेजों का वर्णन करें|

ii) Describe manner of Utilization of ITC.

इनपुट कर क्रेडिट उपयोग के तरीके का वर्णन करें|

UNIT-III
इकाई-III

Q.6 Explain the provision related with procedure for registration under GST. 16

जी एस टी प्रणाली के अन्तर्गत पंजीकरण प्रक्रिया से सम्बन्धित प्रावधानों की व्याख्या करें|

Q.7 Discuss procedure for furnishing details of Inword supplies. 16

जावक आपूर्ति के विवरण को दाखिल करने से सम्बन्धित प्रक्रिया का वर्णन करें|

UNIT-IV
इकाई-IV

Q.8 Discuss the role of Customs in foreign trades. 16

विदेशी व्यापार में सीमा शुल्क की भूमिका की चर्चा करें|

Q.9 Explain the various export incentives scheme available in India. 16

भारत में उपलब्ध विभिन्न निर्यात प्रोत्साहन योजनाओं के बारे में बताएं|

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Note: If any, regarding the number of questions to be attempt and mode of selection of questions may please be written below.

Note: Attempt Five questions in all, selecting one question from each unit in addition to compulsory Q.No 1. All questions carry equal marks.

प्रत्येक इकाई से एक प्रश्न चुनते हुए कुल पाँच प्रश्नों के उत्तर दीजिए| प्रश्न संख्या 1 अनिवार्य है| सभी प्रश्नों के अंक समान है|

Write a short note on:-
संक्षेप में उत्तर दीजिए:-

Q.1 (i) Counter Trade   2
        जवाबी कारोबार

    (ii) SWOT Analysis   2
        SWOT विश्लेषण

    (iii) Product Standerdisation   2
        उत्पाद मानकीकरण

    (iv) Packaging   2
        पैकिंग क्रिया

    (v) Warehousing   2
        भण्डारागण

    (vi) Resident Buyer   2
        निवासी क्रेता

    (vii) Sales Literature   2
        बिक्री सहित्य

    (viii) Web Marketing   2
        वेब विपणन

UNIT-I
इकाई-I

Q.2 What do you mean by MNCS? Explain their characteristics, merits & demerits.   16

1

MNCS से आपका क्या अभिप्राय है? उनकी विशेषताएं गुण तथा दोष की व्याख्या करें|

Q.3 What are Tariff and Non-Tariff Business? Why are they used in International Trade? 16

शुल्क तथा अशुल्क प्रतिबंध क्या है? अंतराष्ट्रीय व्यापार में उनका उपयोग क्यों होता है?

UNIT-II
इकाई-II

Q.4 Explain various Environmental Aspects and Issues related to International Marketing Research. 16

अंतराष्ट्रीय मार्केटिंग शोध से संबंधित विभिन्न वातावरणिक पहलू तथा पक्षों को स्पष्ट करें|

Q.5 Write a detailed note on letter of Credit. How it helps in financing the International Trade? 16

क्रेडिट/उधार पत्र पर विस्तृत नोट लिखे| यह किस तरह अंतराष्ट्रीय व्यापार के अर्थ-प्रबंध में सहायक है?

UNIT-III
इकाई-III

Q.6 Explain different issues to be covered under International logistics. 16

अंतराष्ट्रीय संभार तंत्र के तरह शामिल विभिन्न मुद्दों की व्याख्या करे|

Q.7 Explain the shipping process of Exportable goods along with various documents to be used in this process. 16

निर्यात योग्य वस्तुओं की नौ-परिवहन प्रक्रिया की व्याख्या इसमें उपयोग होने वाले विभिन्न दस्तावेजों के साथ करें|

UNIT-IV
इकाई-IV

Q.8 What is International Advertising? Describe various methods used in International Advertising. 16

अंतराष्ट्रीय विज्ञापन क्या है? इसमें प्रयोग की जाने वाली अलग- 2 विधिया कौन सी है?

Q.9 How are Trade fairs and Exhibitions organised? Also explain the advantages of trade fair and Exhibitions. 16

व्यापारिक मेले और प्रदर्शनियाँ कैसे लगाई जाती है? इसके क्या लाभ है?

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Paper ID: 8017

B.Com (Hons.) Examination, May 2021

Course: B.Com (Hons.)   Semester: 6th

Subject Code- BCH-6.02   Subject Name: Project Planning
                                                                    And Management

Time: 3 Hrs   Max. Marks: 80

Note: If any, regarding the number of questions to be attempt and mode of selection
of questions, may please be written below

Note: Attempt 5 questions in all selecting one question from each unit in addition to
compulsory question number 1.

Q1 Write short notes on the following: (2x8)
    a) Define capital allocation.
      पूंजी आवंटन को परिभाषित कीजिए |
    b) Explain technical analysis in brief.
      तकनीकी विश्लेषण की संक्षेप में व्याख्या कीजिए |
    c) What do you mean by cost of capital?
      पूंजी की लागत से आप क्या समझते हो?
    d) What are Constraints in Project management?
      परियोजना प्रबंधन में बाधाएं क्या है?
    e) Explain any two behavioural considerations.
      दो व्यवहारात्मक अवधारणों की व्याख्या कीजिए |
    f) What do you mean by lease financing?
      पट्टा वित्त पोषण से अप्प क्या समझते हैं?
    g) What do you mean by Project Management?
      परियोजना प्रबंधन से आप क्या समझते हैं?
    h) Explain any two benefits of project review.
      परियोजना समीक्षा के किन्ही दो गुणों की व्याख्या कीजिए |

Unit-1
इकाई-1

Q2 What do you mean by Project Planning? Describe the process of project
planning.   16
परियोजना नियोजन से आप क्या समझते हो? परियोजना नियोजन की प्रक्रिया का वर्णन करो |

Q3 What do you mean by market and demand analysis? Discuss techniques of
demand forecasting.   16
बाजार एवं मांग विश्लेषण से आप क्या समझते हो? मांग पूर्वानुमान की तकनीकों का वर्णन करो |

Unit-2
इकाई-2

Q4 What do you understand by Cash flows? Explain different types of cash flows on the basis of activities. 16

रोकड़ प्रवाह से आप क्या समझते हैं? क्रियाओं के आधार पर रोकड़ प्रवाह के विभिन्न आधारों का वर्णन करो |

Q5 What do you mean by 'Special Decisions Situations'? What are the dimensions of 'Special Decisions Situations'? 16

'विशेष निर्णय परिस्थितियों' से आप क्या समझते हो? 'विशेष निर्णय परिस्थितियों' के विभिन्न आयामों का वर्णन करो |

Unit-3
इकाई-3

Q6 What Judgemental and behavioural Considerations would to keep in mind for successful project management?

एक सफल परियोजना प्रबंध के लिए आप क्या निर्णयात्मक विचार ध्यान में रखेंगे?

Q7 Write short notes on the following: (8+8)

निम्नलिखित पर संक्षिप्त टिप्पणी लिखिए

a) Venture capital
जोखिम पूंजी

b) Private equity
निजी पूंजी

Unit-4
इकाई-4

Q8 Define Project Review. What are the benefits of project review? Also explain different facts of project review. 16

परियोजना समीक्षा को परिभाषित कीजिए | परियोजना समीक्षा के क्या गुण है? परियोजना समीक्षा के विभिन्न पहलुओं का वर्णन कीजिए |

Q9 Highlight the similarities and dissimilarities between PERT and CPM. Under what circumstances CPM is better than PERT?

पर्ट एवं सी.पी.एम. की बीच में विभिन्न समानता एवं असमानता पर प्रकाश डालिए | किन परिस्थितियों में सी.पी.एम. पर्ट से एक अच्छी तकनीक है?

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Paper ID: 8031
B.A. Examination May, 2021

Course: B.sc non Medical   **Semester: 6th**
Subject Code- BM 361   **Subject Name: Mathmatics**
Time: 3 Hrs   **Max. Marks: 40**

Note: Attempt five questions in all, selecting at least one question from each section. Q. No. 9 (Section-V) is Compulsory.

<center>Section-I   (3.5+3.5=7 marks)</center>

1.(a) If $u = \frac{x}{y-z}, v = \frac{y}{z-x}, w = \frac{z}{x-y}$ verify that $\frac{\partial(u,v,w)}{\partial(x,y,z)} = 0$

(b) Show that
$$\int_0^1 \frac{x^2}{\sqrt{1-x^4}} dx \times \int_0^1 \frac{dx}{\sqrt{1+x^4}} = \frac{\pi}{\sqrt[4]{2}}$$

2. (a) Find $\iiint x^2 \, dxdydz$ where V is the interior of the sphere $x^2 + y^2 + z^2 = 1$

   (b) Evaluate the double integral $\iint x^{\frac{1}{2}} y^{\frac{1}{2}} (1 - x - y)^{2/3} \, dxdy$ over the region bounded by the lines $x = 0, y = 0, x + y = 1$.

<center>Section-II   (3.5+3.5=7 marks)</center>

3.(a) If $f(x) = x(2\pi - x) \; in \; 0 < x < 2\pi$, prove that
$$f(x) = \frac{2\pi^2}{3} - 4\left(\frac{\cos x}{1^2} + \frac{\cos 2x}{2^2} + \frac{\cos 3x}{3^2} \dots \dots \dots\right)$$
(b) Find the fourier series for the function
$$f(x) = \begin{array}{ll} a & for \quad 0 < x < \pi \\ -a & for \quad \pi < x < 2\pi \end{array}$$

4.(a) Find the half range cosine series for $f(x) = x(\pi - x) \; in \; the \; interval \; (0, \pi)$.
   (b) Prove that in the range $(0, \pi)$
$$x(\pi - x) = \frac{\pi^2}{6} - \left[\frac{\cos 2x}{1^2} + \frac{\cos 4x}{2^2} \dots \dots\right]$$

    and using Parseval's identity deduce that
$$\sum_{n=1}^{\infty} \frac{1}{n4} = \frac{\pi 4}{90}$$

<center>Section-III   (3.5+3.5=7 marks)</center>

5.(a) Prove that $f(z) = \frac{-}{z}$ is now where differentiable but continuous everywhere in complex plane.
  (b) If $f(z) = u + iv$ is an analytic function and $z = re^{i\theta}$ where u, v, r, θ are real, then the C-R equations are
$$\frac{\partial u}{\partial r} = \frac{1}{r} \cdot \frac{\partial v}{\partial \theta}, \quad \frac{\partial v}{\partial r} = -\frac{1}{r} \cdot \frac{\partial u}{\partial \theta}.$$

6(a) If $f(z)$ is a regular function,
     Prove that $\left(\frac{\partial^2}{\partial x^2} + \frac{\partial^2}{\partial y^2}\right) |f(z)|^2 = 4|f(z)|^2$
  (b) Construct the analytic function of which real part is
$$u(x, y) = e^x(x \cos y - y \sin y)$$

<center>1</center>

Section-IV   **(3.5+3.5=7 marks)**

7.(a) Consider the transformation $w = e\ z$ and determine the region in the $w - plane$ corresponding to the lines $x = 0, y = 0$ and $x + y = 1$ in the $z - plane$

(b) Prove that every Mobius transformation maps circles or straight line into circles or straight lines.

8.(a) Find the image of $x^2 + y^2 - 4y + 2 = 0$ under the mapping $w = \frac{z-i}{iz-1}$

(b) Find the region of the w-plane into which the region $\frac{1}{2} \le x \le 1$ and $\frac{1}{2} \le y \le 1$ is mapped by the transformation $w = z^2$

Section-V
(Compulsory Question)   **(2x6=12 marks)**

9.(a) prove symmetry of Beta function

(b) Define Dirichlet's integeral .

(c) What is harmonic function and give one example

(d) Find the image of the point $2 + 3i$ on the Sphere of radius $\frac{1}{2}$ and centre

$$(0,0,\frac{1}{2})$$

(e) Find the fixed point of the Mobius transformation $w = \frac{3z-4}{z-1}$

(f) Discuss the nature of bilinear transformation $w = \frac{z}{z-2}$

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Paper ID: 8032
B.Sc. Examination May, 2021

Course: B.Sc.
Subject Code- BM 362
(Mathematics)
Time: 3 Hrs

Semester: 6th
Subject Name: Linear Algebra

Max. Marks: 40

Note: Attempt five questions in all, selecting one question from each section. Question No. 9 is Compulsory.

Section – I   **(3.5+3.5=7 marks)**

1. (a) Show that the set $Q(\sqrt{2})=\{a+b\sqrt{2}:a,b\in Q\}$ is a vector space over Q with respect to the compositions:
   $(a+b\sqrt{2})+ (c+d\sqrt{2})=(a+c+(b+d)\sqrt{2})$
   and $\propto (a + b\sqrt{2})=a\propto +b \propto \sqrt{2}$
   Where a,b,c,d and $\propto$ are all rational numbers

   (b) The necessary and sufficient conditions for a vector space V(F) to be a direct sum of its subspace W_1 and W_2 are that
   (i) $V=W_1+W_2$ (ii) $W_1 \cap W_2=\{0\}$

2. (a) Determine whether or not the following vectors form a basis of R^3
   (i) (2,4,-3), (0,1,1), (0,1,-1)
   (ii) (1,2,1), (5,0,-1), (2,-1,0), (5,2,1)

   (b) If V is the vector space of all square matrices over R and W$=\left\{\begin{bmatrix} a & b \\ 0 & 0 \end{bmatrix}: a, b, \in R\right\}$
   Find a basis of V/W.

Section – II   **(3.5+3.5=7 marks)**

3. (a) Determine whether the following mappings are linear transformation or not?
   (i) $T: R^2 \rightarrow R^3$ defined by $T(x,y) = (x + y, x - y, y)$
   (ii) $T: R^2 \rightarrow R^3$ defined by $T(x,y) = |2x - 3y|$
   (iii) $T: V_3(R) \rightarrow V_2(R)$ defined by $T(x,y,z) = (x - y + z, 2x)$

   (b) Which of the following linear transformations are one to one, onto or both one to one and onto
   (i) $T(x_1, x_2, x_3) = (x_1+x_2, x_2+x_3)$
   (ii) $T(x_1, x_2, x_3) = (x_1-x_2, x_2-x_3, x_3-x_4)$.

4. (a) If T: U(F)→V(F) is a linear transformation, then prove that
   Rank T + Nullity T= dim U

   (b) Let V be the vector space of 2x2 matrices over R and Let M$=\begin{bmatrix} 1 & -1 \\ -2 & 2 \end{bmatrix}$. Let T: V→V be a linear map defined by T(A)=MA for all A∈V. Find the basis and dimension of
   (i) range of T   (ii) null space T

5. (a) Let T:R^3→R^3 be a linear operator defined by $T(x,y,z) = (x - 3y - 2z, y - 4z, z)$ show that T is invertible and find T^{-1}.

   (b) If the matrix of a linear transformation T on R^3 relative to the ordered basis
   B{(1,0,0), (0,1,0), (0,0,1)} is $\begin{bmatrix} 0 & 1 & 1 \\ 1 & 0 & -1 \\ -1 & -1 & 0 \end{bmatrix}$, find the matrix of T relative to the basis

$B^1 = \{(0,1,-1), (-1,1,0), (1,-1,1)\}$.

6. (a) If $B = \{(1,-2,3), (1,-1,1), (2,-4,7)\}$ is a basis of R^3, then the dual of B.
   (b) $T:R^3 \rightarrow R^3$, find the eigen values and basis for eigen space
   $$T(x,y,z) = (x - y, 2x + 3y + 2z, x + y + 2z)$$

Section – IV   **(3.5+3.5=7 marks)**

7. (a) Show that $< u, v >= 2x_1\overline{y_1} + x_1\overline{y_2} + x_2\overline{y_1} + x_2\overline{y_2}$ define an inner product on $V_2(c)$ where
   $u = (x_1, x_2), v = (y_1, y_2) \in V_2(c)$
   (b) Find an orthonormal basis with respect to the standard inner product for the subspace of R^3 generated by (1,0,3) and (2,1,1)

8. (a) Let T be a symmetric linear transformation on an inner product space V(F) then $< T(\propto), \propto> = 0$ iff $T = 0$
   (b) If T and S are normal operators on an inner product show that
   (i) TS is a normal operator
   (ii) T+S is a normal operator
   If either of the operators commute with adjoints of other

Section – V
(Compulsory question)   **(2x6=12 marks)**

9. (a) Express the vector V=(1,-2,5) as a linear combination of the vectors $V_1 = (1,1,1)$, $V_2 = (1,2,3)$, $V_3 = (2,-1,1)$, in the vector space $R^3(R)$.
   (b) Find the dimension of vector space $Q(\sqrt{2})$ over Q.
   (c) Let $T:U \rightarrow V$ be a homomorphism then prove that ker T is a subspace of U
   (d) Find the matrix representing the transformation.
   $T:R^2 \rightarrow R^3$ given by $T(x,y) = (3x - y, 2x + 4y, 5x - 6y)$ relative to the standard basis by R^2 and R^3
   (e) Define dual space.
   (f) Define self adjoint operator.

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Paper ID: 8033

B.A. Examination May, 2021

Course: B.sc non Medical   **Semester: 6th**

Subject Code- BM 363   **Subject Name: Dynamics**

Time: 3 Hrs   **Max. Marks: 40**

Note: Attempt five questions in all, selecting one question from each section. Q. No. 9 is Compulsory.

<p align="center">Section-I   (3.5+3.5=7 marks)</p>

1.(a) To find the expression for tangential and normal components of acceleration of a particle moving along a plane curve.

(b) Two particles A and B are moving along concentric circles of radii 2 meters and 8 meters respectively with constant angular velocities of 4 radian/ sec and 2 radian/sec. obtain their relative acceleration when their angular distance apart is $\frac{2\pi}{3}$

2. (a) A point excutes a S.H.M such that in two of its positions the velocities are u,v and the corresponding accelerations are $\propto, \beta$.

Show that (i) the distance between two points is $\frac{u^2-v^2}{\propto+\beta}$

(ii) the period of motion is $2\pi \sqrt{\frac{u^2-v^2}{\beta^2-\propto^2}}$

(b) A light elastic string of natural length I has one end of it fixed at o and to the other end is attached

a mass m, which in the state of equilibrium would stretch the string by length e. The mass is pulled down a distance $a > e$ below the equilibrium postion. Discuss the motion of the mass.

<p align="center">Section-II   (3.5+3.5=7 marks)</p>

3.(a) If P be the tractive force in tons on a train weighing W tons and R tons the resistance, Prove that

the least lime of travelling a distance s from rest to rest is $\left[\frac{2s}{g}, \frac{WP}{R(P-R)}\right] y^2$, and the maximum

velocity is $\left[\frac{2gsR(P-R)}{WP}\right] y^2$

(b) To masses m_1 and m_2 (m>m_2) are suspended by a light inextensible and flexible string which

passes over a smooth fixed and light pulley. Find the motion of the system, tension in the string

<p align="center">1</p>

and the pressure on the pulley.

4.(a) A car of mass 900kg has an engine with power output of 42kW. It can achieve a speed of

120km/hr along the level

(a) What is the resistance to motion
(b) If the maximum power and the resistance remain the same, what would be the maximum speed
the car could achieve up and incline of 1 in 40 along the slope?

4.(a) A bullet moving at a rate of 4 ft/sec. If fired into a thick target which it penetrates to the extent of
s ft with what velocity would it emerge if fired into a target $\frac{1}{2}s$ ft. thick with equal velocity Supposing
the resistance to be uniform and the same in both the case.

Section-III   **(3.5+3.5=7 marks)**

5.(a) A particle is projected from the vertex of a smooth parabolic tube of latus rectum 4a along the tube

and is acted upon by a repulsive force $\frac{mgs}{c}$ from the focus. If the velocity of projection is that which
would be acquired in moving from focus to the vertex, Prove that the time of describing angle θ
about focus is $2\sqrt{\frac{c}{g}}\log\tan\left(\frac{\pi+\theta}{4}\right)$.

(c) A particle started from the vertex of a smooth cycloid $s = 4a\sin\Psi, axis$ vertical and vertex
upwards is slightly displace. Find where the particle runs off the curve. Prove that it falls upto the
base of the cycloid at distance $\left(\frac{\pi}{2}+\sqrt{3}\right)$ a from the centre of the base, a being the radius of the
generating circle.

6(a) A particle is projected so as to have a range R on the horizontal plane throught he point of

projection. If $\propto, \beta$ are thepossible angles of projection and t_1 and t_2 the corresponding time of flight,

show that $\dfrac{t_1^2-t_2^2}{t_1^2+t_2^2} = \dfrac{\sin(\propto-\beta)}{\sin(\propto+\beta)}$

(b) A particle is projected from a point on a plane of inclination β with velocity u. show that the

maximum range down the plane is $\frac{u^2}{g}\sec\beta\,(\sec\beta + \tan\beta)$

2

Section-IV   (3.5+3.5=7 marks)

7.(a) A particle describes the curve $au = \dfrac{\cos h\theta - 2}{\cos h\theta + 1}$ under a force F to the pole. Find the law of force.

(b) Prove that the time required to describe an arc of the parabola, under the action of force μu^2

to the focus, starting from the nearest end of the axis, is given by $\sqrt{\dfrac{2a^3}{\mu}}\left[\tan\dfrac{\theta}{2} + \dfrac{1}{3}\tan^3\dfrac{\theta}{2}\right]$ where

a is the apsidal distance and θ is measured from the axis.

8.(a) A particle describe an elipse under a force $\dfrac{\mu}{(distance)^2}$ towards the focus. If it was projected with

velocity V from a point distance r from the centre of force, show that its periodic time is

$$\frac{2\pi}{\sqrt{\mu}} \cdot \left[\frac{2}{r} - \frac{v^2}{\mu}\right]^{-3/2}$$

(b) Find the acceleration of a particle in terms of spherical polor co-ordinates.

Section-V

(Compulsory Question)   (2x6=12 marks)

9.(a) Define radial and transverse acceleration and write down their expressions

(b) Find the amplitude of S.H.M of period 12sec.which travels 15cm from rest in 2 seconds.

(c) A body of mass 150kg is acted upon a force of 5N for 15 minutes . If the particle starts from rest,

find its velocity at the end of this period.

(d) A car weighing 700kg increases velocity from 18 km/hr. to 50 km/hr. in 35 seconds calculate
The constant force which has been applied.

(e) A particle is projected with a velocity of 14 m/sec at an angle of elevation 60^0. Find the equation
of the path

(f) Define Areal velocity.

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3

Paper ID: 8034
B.A. Examination May, 2021

Course: BA   **Semester: 6th**
Subject Code- BM 361   **Subject Name: Mathmatics**
Time: 3 Hrs   **Max. Marks: 27**

Note: Attempt five questions in all, selecting one question from each section. Q. No. 9 is Compulsory.

<div align="center">

Section-I   **(2+2.5=4.5 marks)**
</div>

1.(a) Prove that the functions $u = sin^{-1}x + sin^{-1}y, v = x\sqrt{1-y^2} + y\sqrt{1-x^2}$ are functionally
Dependent. Also find the relation between them.

(b) Show that $\Gamma(m)\Gamma\left(m + \frac{1}{2}\right) = \frac{\sqrt{\pi}}{sin^{2m-1}} \Gamma(2m)$

2. (a) Find $\iint e^{2x+3y} dxdy$ over the triangle bounded by $x = 0, y = 0$ and $x + y \le 1$

(b) Evaluate $\iiint e^{x+y+z} dxdy\, dz$, taken over the positive octant such that $x + y + z \le 1$

<div align="center">

Section-II   **(2+2.5=4.5 marks)**
</div>

3.(a) Find the fourier series for the function $f(x) = |\sin x|$; $-\pi < x < \pi$
(b) Find the fourier series expansion of the function $f(x)$ where
$$f(x) = \{ \begin{matrix} \cos x & -\pi < x < 0 \\ -\cos x & 0 < x < \pi \end{matrix}$$
4.(a) Obtain fourier series for the function
$$f(x) = \{ \begin{matrix} \pi x & 0 \le x \le 1 \\ \pi(2-x) & 1 \le x \le 2 \end{matrix}$$
(b) Prove that in the range $(0, \ell)$
$$x = \frac{\ell}{2} - \frac{4\ell}{\pi^2} \sum_{m=1}^{\infty} \frac{1}{(2m-1)^2} \cos(2m-1)\frac{\pi x}{\ell}$$ and using parseval's identity deduce that
$$\frac{1}{1^4} + \frac{1}{3^4} + \frac{1}{5^4} + \cdots = \frac{\pi^4}{96}$$

<div align="center">

Section-III   **(2+2.5=4.5 marks)**
</div>

5.(a) Describe the stereographic projection between the point of the complex plane and those of
A sphere of radius $\frac{1}{2}$ with centre at $(0,0,\frac{1}{2})$ tangent to this plane.
(b) Show that the function $f(z) = e^{-z} {}^{-4} (z \neq 0)$ and $f(o) = 0$ is not analytic at $z = o$, athough
C-R equations are satisfied at that point.

6(a) Prove that an analytic function with constant modulus is constant.
(b) Show that $u(x,y) = e^{-x}(xsiny - ycosy)$ is harmonic and find $v(x,y)$ such that $f(z) = u + iv$
is analytic

<div align="center">

Section-IV   **(2+2.5=4.5 marks)**
</div>

7.(a) Find the image of $|z - 3i| = 3$ under the mapping $w = \frac{1}{z}$
(b) Prove that every mobius transformation is the resultant of mobius transformation with simple
Geometric imports.
8.(a) Show that the unit circle $|z| = 1$ is mapping onto the circle $\left|z + \frac{1}{2}\right| = 1$ under the transformation
$$w = \frac{5-4z}{4z-2}$$

(b) Find the image of $|z| \le 1$ in the z-plane under the transformation on $w(z + i)^2 = 1$.

Section-V
(Compulsory Question) (1.5x6=9 marks)

9.(a) Show that $\int_0^\infty e^{-x^2} dx = \frac{\sqrt{\pi}}{2}$

(b) Show that $\Gamma\left(\frac{1}{2}\right) = \sqrt{\pi}$

(c) What is harmonic conjugate function.

(d) Find the fourier coefficient on for the function $f(x) = x$ in $[-\pi, \pi]$

(e) Find k so that the function.
$f(z) = r^2 cosx20 + i\, r^2\, sink\theta$ is analytic

(f) State Cauchy –Riemann equation for analytic function in polar form.

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116

Paper ID: 8035
B.A. Examination May, 2021

Course: B.A
Subject Code- BM 362
Time: 3 Hrs

Semester: 6th

Semester: 6th
Subject Name: Linear Algebra
Max. Marks:

Note: Attempt five questions in all, selecting at least one question from each unit. Q. No. 9 is Compulsory.

<div align="center">

Unit-I   **(2+2.5=4.5 marks)**
</div>

1.(a) The union of two subspaces is a subspaces is a subspaces of and only if one is contained in the Other.

(b) Let V be the vector space of n-square matrices over a field R. Let W_1 and W_2 be the subspaces of Symmetric and skew symmetric matrices of order n respectively. Show that V is the direct sum Of W_1 and W_2

2. (a) Let V be the vector space of square matrices over R and let W be the Subspace generated by
$$\begin{bmatrix} 1 & -5 \\ -4 & 2 \end{bmatrix}, \begin{bmatrix} 1 & 1 \\ -1 & 5 \end{bmatrix}, \begin{bmatrix} 2 & -4 \\ -5 & 7 \end{bmatrix}, \begin{bmatrix} 1 & -7 \\ -5 & 1 \end{bmatrix}$$
Show that $\{\begin{bmatrix} 1 & -5 \\ -4 & 2 \end{bmatrix}, \begin{bmatrix} 0 & 2 \\ 1 & 1 \end{bmatrix}\}$ from a basis and dim $w = 2$

(b) Let W be a subspace of a finite dimentional vector space $V(f)$, then $dim\, V/W = dim\, V - dim\, W$

<div align="center">

Unit-II   **(3.5+3.5=7 marks)**
</div>

3.(a) Two finite dimensional vector space over the same field are isomorphic if and only if they have the same dimension.

(b) Find the linear transformation in the
$T: f3(x) \rightarrow f3(z)$ such that
$T(1 + x) = 1 + x, T(2 + x) = x + 3x^2$ and $T(x^2) = 0$

4.(a) let $T: U \rightarrow V$ be a linear transformation then $U/kerT \cong T(U)$.

(b) If $T: R^4 \rightarrow R^3$ is a linear transformation defined by $T(G) = (1,1,1); T(e_2) = (1,-1,1);$
$T(e_3) = (1,0,0); T(e_4) = (1,0,1)$ verify that $\rho(T) + \mu(T) = dim\, R^4 = 4$

<div align="center">

Unit-III   **(2+2.5=4.5 marks)**
</div>

5.(a) If $T: R^3 \rightarrow R^3$ be a linear operator defined by $T(x,y,z) = (x + z, x - z, y)$ show that T is invertible and find T^{-1}

(b) If $C(R)$ is a vector space and T is a linear transformation on $C(R)$ defined by
$T(a + ib) = a - ib$ for all $a, b, \in, R$; Find the matrix of T with respect to the ordered
Basis $B = \{1 + i, 1 + 2i\}$

6(a) Find the dual basis of the basis
$B = \{(1,0,0), (0,1,0), (0,0,1)\}$ of $V_3(R)$

(b) For the linear operator $T: R^3 \rightarrow R^3$, find the Eigen value and the basis for Eigen space when
$T(x,y,z) = (x + y + z, 2y + z, 2y + 3z)$

<div align="center">

Unit-IV   **(2+2.5=4.5 marks)**
</div>

7.(a) Show that $< u, v >= 2x_1\overline{y_1} + x_1\overline{y_2} + x_2\overline{y_1} + x_2\overline{y_2}$ defines an inner product on $V_2(c)$ where
$u = (x_1, x_2,), v = (y_1, y_2) \in V_2(c)$

(b) Obtain an orthonormal basis with respect to standard inner product for the subspace of
R^3 Generated by $(1,0,1), (1,0,-1)$ and $(0,3,4)$.

8.(a) Let T be a symmetric linear transformation on an inner product space $V(F)$ then

1

$< T(\propto), \propto \geq 0$ iff $T = 0$

(b) A linear operator T on a finite dimensional inner product space V is unitary, iff T takes an orthonomal basis of V onto an orthonormal basis of V.

Unit-V
(Compulsory Question)   (1.5x6=9 marks)

9.(a) Show that any field forms a vector space over itself.

(b) For what value of k will the vector
$u = (1, k, 5)$ in $V_3(k)$ be a linear combination of vector $v = (1, -3, 2)$ and $w = (2, -1, 1)$

(c) Show that the function $T: R^3 \to R$ defined by $T(x, y, z) = x^2 + y^2 + z^2$ is not a linear transformation.

(d) Let $T_1: U \to V$ and $T_2: V \to W$ be two linear transformation. Prove that
$$f(T_2 T_1) \leq f(T_2)$$

(e) Define inner product space

(f) Let T be a linear operator on a finite dimensional inner product space $V(F)$. If T is invertible, Then show that T^* is also invertible.

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2

Paper ID: 8036
B.A. Examination May, 2021

Course: B.A   Semester: 6th
Subject Code- BM 363   Subject Name: Dynamics
Time: 3 Hrs   Max. Marks:27

Note: Attempt five questions in all, selecting one question from each section. Q. No. 9 is
compulsory.

Section-I   **(2+2.5=4.5 marks)**

1.(a) The velocities of a particle along and perpendicular to the radius vector from a fixed origin are λr^2
and $\mu\theta^2$. Show that the path is $\frac{\lambda}{\theta} = \frac{\mu}{2r^2} + C$. Also, prove that components of the acceleration are
$2\lambda^2 r^3 - \frac{\mu^2\theta^4}{r}$ and $\lambda\mu r\theta^2 + \frac{2\mu^2\theta^3}{r}$

(b) A cyclist travelling at 10km/hr is overtaken by a car moving at $^{10}\sqrt{2}$ km/hr as they both arrive at a
cross road. The cyclist keeps straight on, but the motorist proceeds along the road that makes
an angle of 135⁰ with his previous line of motion. With what velocity and in what direction does
the car appear to the cyclist to move.

2. (a) At the end of three successive seconds, the distance of moving point with S.H.M from its mean
position measured in the same direction are 1,5,5. Show that the period of complete oscillation is
$\frac{2\pi}{\theta}$ sec, where $cos\theta = \frac{3}{5}$

(b) One end of an elastic string with modulus λ and natural length ℓ is fixed to a point on a smooth
horizontal table and the other end is tied to a particle of mass m on the table. The particle is pulled
to a distance such that the string becomes equal to twice its natural length and then released. Show
that the time of one complete oscillation is

$$2(\pi + 2)\frac{\sqrt{m\ell}}{\lambda}$$

Section-II   **(2.+ 2.5=4.5marks)**

3.(a) A mass of 10kg falls freely a distance of 10m from rest and is then brought to rest after
penetrating through 1m in sand. Find the average force exerted by the sand on it.

(b) Two equal masses attached to an inextensible light string which passes over a light pully hang in
equilibrium. Show that the tension in the string is unaltered when $\frac{1}{n}^{th}$ of its mass is added to one
and $\frac{1}{n+2}^{th}$ of its mass removed from the other.

4.(a) The earth's attraction on a particle varies inversely as the square of its distance from earth's
centre. A particle whose weight on the surface of the earth is W, falls to the surface of the earth
from a height 5a above it, show that the work done by the earth's attraction is $\frac{5}{6}aw$, where a is the
radius of earth.

(b) A bullet fired with a velocity of 1600ft/sec. passes through three planks in succession. If it loses a
velocity of 400ft/sec in passing through each plank, find the ratio of their thickness to which the
resistance is supposed to be proportional.

Section-III   (2+2.5=4.5 marks)

5.(a) A small bead is projected with any velocity along a smooth circular wire under the action of force varying inversely as the fifth power of distance from a centre of force situated on the circumference. Prove that pressure on the wire is constant.

(b) A particle starts from rest at the highest point on the outside of a smooth circle. Show that the lotus rectum of the parabola which the particle describes after leaving the circle is $\frac{16}{27}$ times the radius of the circle.

6(a) Two particles are projected from the same point in the same vertical plane with equal velocities. if t,t' be the times taken to reach the other common point to their paths and T,T' the times to the highest points show that $(t\,T + t'\,T')$ is independent of the direction of projection.

(b) A body is projected at an angle $\propto$ to the horizon so as to clear two walls of equal height $\propto$ at a distance 2 $\propto$ from each other. Show that the range is equal to $2 \propto cot\frac{1}{2} \propto$

Section-IV   (2+2.5=4.5 marks)

7.(a) A particle moves in an ellipse under a force which is always directed towards its focus; to find
   1) the law of force
   2) the velocity at any point of its path
   3) the periodic time
   4) law of force

(b) If the law of force is $5\mu u^3 + 8\mu c^2 u^5$ and the particle is projected from an apse at a distance c with velocity $\frac{3\sqrt{\mu}}{c}$, prove that the orbit is $r = c\,cos\left(\frac{2\theta}{3}\right)$

8.(a) If v_1 and v_2 are maximum and minimum velocities of a planet, then prove that $(1-e)v, = (1+e)v_2$ for an elliptic path.

(b) A smooth conical surface is fixed with its axis vertical and vertex downwards. A particle is in steady motion on its concave side in a horizontal circle and is slightly disturbed. Show that the time of a small oscillation about this state of steady motion is $2\pi\sqrt{\frac{\ell}{3g cos \propto}}$, where $\propto$ is the semi vertical angle of the cone and ℓ is the length of the generator to the circle of steady motion.

Section-V
(Compulsory Question)   (1.5x6=9 marks)

9.(a) Write down Kepler's law of planetary motion

(b) Find the angle of projection if horizontal range is twice the greatest height attained

(c) Show that for a given velocity of projection the maximum range down a plane of multination $\propto$ is greater than up the plane in the ratio $\frac{1+sin\propto}{1-sin\propto}$

(d) A car weighing 250kg and travelling at 16.9m/sec is brought to rest in 4.9m by application of breaks. Find the force of resistances of breaks.

(e) A body of mass m kg is pulled along a smooth horizontal table by a constant force which generates a velocity of θ m/sec , in t seconds from rest. Find the magnitude of the force.

(f) A horizontal shelf is moved up and down with S.H.M of period 1sec. What is the amplitude admissible in order that a weight placed on the shelf may not be jerked off.

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2

Paper ID: 8049
B.A. Examination May, 2021

Course: B.A III   **Semester: 6th**

Subject Name: English Compulsory

Time: 3 Hrs   **Max. Marks: 80**

1)A. Explain with reference to the context   8

If I can catch him one upon the hip, I will feed fat the ancient grudge I bear him.
> He hates our sacred nation, and he rails, Even there where merchants most do congregate, on
> me, my bargains and my well-won thrift which he calls interest cursed
> be my tribe, If I forgive him !

<p style="text-align:center">Or</p>

> The quality of merecy is not strained. It dropeth as the gentle rains from heaven upon the place
> Beneath, it is twice blast, it blessed him that gives and him that takes, Its mightiest in the
> mightiest. It becomes the throne monarch better than his crown.

B. Answer any five of the following questions in 50 words each: 3x5=15

1) Who is Antonio?
2) Who is Nerissa and what role does she plays in the text?
3) What was Portia is father's will about her marriage?
4) Why did Portia and Narissa appear in the court under disguise?
5) Which casket does the prince of morocco choose and why?
6) Describe the scene of Jessica's elopement
7) What is shylock's first reaction when Bassanio asks him for loan?
8) Who are the Jasons visiting Belmont? How does Bassanio propose to rural one of the Jason's?

2).   Give a detailed description and write about importance of the casket episode.   12

<p style="text-align:center">Or</p>

Give a character sketch of Antonio.

3). a   Write a precis of the following passage and suggest a suitable title: 10

It is no doubt truth that we cannot go through life without sorrow. There can be no sunshine
without shade. We must not complain that roses have thorns, but rather be grateful that thorns
have flowers. Our existence here is so complex that we must expect much sorrow and suffering
Many people distress and torment them selves about the mystery of existence. But although a
good man may at times be angry with the world, it is certain that no man was ever discontented
with the world who did his duty. The world is like a looking glass, if you smile, it smiles, if your
frown, it frowns back, If you look at it through a red glass, all seems red and rosy, if through a
blue, all blue, if through a smoked one, all dull and dingy. Always try them to look at the bright
side of things as almost everything in the world has a bright side. There are some persons
whose smile, the sound of whose voice, whose very presence seems like a ray of sunshine and
brightens a whole room. Greet everybody with a bright smile, kind words and a pleasant
Welcome. It is not enough to love those who are near and dear to us. We must also show that
we do so. While, however, we should be grateful, and enjoy to the full the in numerable
blessings of life, we cannot expect to have no sorrows or anxieties.

b.   Attempt a summary of the given passage   10

Character is destiny.Character is that on which the destiny of a nation is built. One cannot have a great nation with men of small character. If we want to build a great nation, we must try to train a large number of young men and women who look upon others as the living images of themselves, as our Shastras have so often declared, But whether in public life or in student life we cannot reach great heights if we are lacking in character. We cannot climb the mountain when the very ground at our feet is crumbling when the very basis of our structure is shaky, how can we reach the height which we have set before our selves. We must all have humility.Our lives should be clean, noble and dedicated to the service of Mother India there is a country, which we are interested in building up for whatever service we take up we should not care for what we receive .we must know how much we can put into that service. That should be the principle which should animate our young men and women. Our is a great country. We have had for centuries a great history.The whole of the earth reflects our culture. We have to represent what Hindustan has taught right from the time Mohenjo-Daro and Harappa. Whether in domestic affairs or in international affairs   , we must adhere to certain standards,

C. Give one word substitution for any five of the following: 5
1) Persons who work in the same office or department.
2) Murder of Oneself.
3) One who is liked by all.
4) That which is not mortal.
5) Article sent from one country to the other.
6) One who is present everywhere
7) That which is contrary to law.
8) An assembly of listeners

4. Write a letter to the Editor of a leading newspaper telling him about the nuisance created by the stray animals.   10

Or

Write a letter from a retailer to a wholesaler complaining about the poor quality of goods supplied.

5. Read the passage carefully and answer the questions that follow.   10

All round development of man is the true aim of education. It should train not only the head, but also the hands and the heart, But our present system of education has miserably failed to achieve this aim, It suffers from many grave defects.

The present system of education was founded by the British for their own convenience. Lord Macaulay was the father and founder of this system. He wanted it to produce clerks to help the British in running their administration Today the English have gone but the same old system of education still continues. We are free but we are still slavishly following the system evolved by the British. This system of education has many defects. It must be changed and over hauled. The greatest defect in our present system of education man has only bookish knowledge. He knows nothing about practical things. The finds that his education has not made him fit to do any useful work for his society.

The present system of education does not teach us the dignity of labour. A student is not taught or trained to do thingswith his hands. Manual or physical labour finds no place in education.

Educated young men are fit only to be clerks in office.They look down upon manual labour. They consider it below their dignity to work with their hands in the field or factories.

Vocational education is the need of the hour. We need more and more technicians, engineers and doctors. But, the number of vocational institutions-Engineering and Medical college, Polytechnics and I.T.I's -is limited. A large number of young men and women, who can do well as technicians, are deprived of technical or vocational training.

The present system of education gives too much importance to English. At many places, it is the medium of instruction. English may be an international language.It may have rich treasures of science and literature. But it can never be our national language. Education must be important in the mother tongue. This will save much talent of the country from going waste

Questions.

1) What is the true aim of education?
2) Who was the father and founder of present system of education?
3) What is the greatest defect in our present system of education?
4) What type of education is the need of the hour?
5) Find from the passage words which means the same as
    (i) Professional
    (ii) Completely
    (iii) Following without thinking.
6) Use the words 'slavishly' and 'dignity' in your own sentences.

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3

Paper ID: 8056
B.A. Examination, May 2021

Course: B.A.   **Semester: 6th**

Subject Code-   **Subject Name: Public Administration (Rural Local Government) (II)**

Time: 3 Hrs   **Max. Marks: 80**

Note: Attempt five questions in all, Question 01 is compulsory. Select one question from each Section.

नोट: कुल पाँच प्रश्नों के उत्तर दीजिए, प्रश्न संख्या 1 अनिवार्य है | प्रत्येक इकाई से एक प्रश्न चुनें |

1. Short answer type questions: 2x8=16
   लघुउत्तरीय प्रश्न

   a) What is Rural development?

   ग्रामीण विकास का अर्थ बताएं |

   b) What is Manrega Scheme?

   मनरेगा स्कीम क्या है ?

   c) What are two main sources of income of Zila Parishad?

   जिला परिषद के आय के प्रमुख दो स्रोत क्या है?

   d) What do you mean by Information Communication Technology (ICT)?

   सूचना संचार प्रौद्योगिकी से आप क्या समझते हैं?

   e) What are qualifications for a member of Gram Panchayat?

   ग्राम पंचायत के सदस्य की कोई दो विशेषताएं बताएं |

   f) Write any two features of Local Government.

   स्थानीय शासन की कोई दो विशेषताएं बताएं |

   g) What do you mean by Block Smiti?

   ब्लॉक समिति से क्या अभिप्राय है?

   h) What do you mean by People Participation?

   जन सहभागिता क्या है?

Unit – 1
इकाई – 1

2. Describe the Scope and Importance of Rural Local Development.   16

   ग्रामीण स्थानीय विकास के विषय क्षेत्र एवं महत्व की व्याख्या कीजिए |

3. Write a note on the importance of Panchayati Raj Institutions.   16

   पंचायती राज व्यवस्था के महत्व पर निबंध लिखें |

124

Unit – 2
इकाई – 2

4. Explain the Composition & Functions of Zila Parishad.   16
   जिला परिषद की रचना एवं कार्यों की व्याख्या कीजिए |

5. Explain the Composition & Functions of Panchayat Samiti?   16
   पंचायत समिति की रचना तथा कार्यों का वर्णन कीजिए |

Unit – 3
इकाई – 3

6. How does Government exercise its control over Panchayati Raj Institutions?   16
   सरकार पंचायती राज संस्थाओं पर अपना नियंत्रण कैसे रखती हैं?

7. What are the main sources of Income of Panchayati Raj Institutions?   16
   पंचायती राज संस्थाओं के आय के प्रमुख स्रोतों का वर्णन कीजिए?

Unit – 4
इकाई – 4

8. Explain the main features of 73rd Constitutional Amendment Act?   16
   73वें संविधान संशोधन की मुख्य विशेषताओं की समीक्षा कीजिए |

9. Explain the Role and Responsibilities of District Rural Development Agency?   16
   जिला ग्रामीण विकास अभिकरण की भूमिका और जिम्मेदारियों पर प्रकाश डालिए |

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Paper ID : 8061
B.A. Examination, May 2021

Course : B.A.   **Semester : 6th**

Subject Code- PA - 302   **Subject Name :Public Administration (Emerging Issues in Public Administration)**

Time: 3 Hrs   **Max. Marks: 80**

Note: Attempt five questions in all. Question No.1 is compulsory. Choose one question from each section. Each section carries equal marks.

नोट: कुल पाँच प्रश्न दीजिये| प्रश्न संख्या 1 अनिवार्य है| प्रत्येक इकाई से एक प्रश्न चुनें |

1. Short answer type questions: 2x8=16

   लघुउत्तरीय प्रश्न

   a) Explain any two Rights of Consumers?

   उपभोक्ता के कोई दो अधिकार बताईए?

   b) Explain any two Functions of the Information Commission?

   सूचना आयोग के कोई दो कार्य बताएं?

   c) What is Real Executive?

   वास्तविक कार्यपालिका क्या है?

   d) What is Administrative Accountability?

   प्रशासनिक जवाबदेहिता क्या है?

   e) What is Judiciary?

   न्यायपालिका से आप क्या समझते है?

   f) What is Lok Ayukta?

   लोकायुक्त का अर्थ बताएं?

   g) Write any two Reasons for Corruption?

   भ्रष्टाचार के कोई दो कारण बताएं?

   h) What do you mean by Administration Reforms?

   प्रशसनिक सुधारों से आप क्या समझते है?

UNIT-1
इकाई-1

2. What is Administration Accountability? Describe the forms of Accountability in Public Administration?   16

   प्रशासनिक जवाबदेहीता क्या है? लोक प्रशासन में जवाबदेहीता के विभिन्न प्रकारों का वर्णन कीजिए?

3. Explain the legislative & Executive control over Public Administration?   16

   लोक प्रशासन पर विधायी-कार्यपालिका नियंत्रण का वर्णन करें?

UNIT-2
इकाई-2

4. What is Integrity? What are the causes for the decline integrity in Public
   Administration?   16

   अखंडता क्या है? लोक प्रशासन में गिरती अखंडता के प्रमुख कारण कौन-कौन से है?

5. Describe the Reasons and Consequences of Corruption?   16

   भ्रष्टाचार के विभिन्न कारणों एवं दुष्परिणाम का वर्णन कीजिए?

UNIT-3
इकाई-3

6. Describe the basic principles of Good Governance?   16

   सुशासन के प्रमुख सिद्धांतों का वर्णन कीजिए?

7. What is meant by Consumer Protection? Discuss the various Problems faced by
   the Consumer?   16

   उपभोक्ता संरक्षण का क्या अर्थ है? एक उपभोक्ता को किन किन समस्याओं का सामना करना पड़ता
   है?

UNIT-4
इकाई-4

8. Explain the need & Importance of Administration in India?   16

   भारत में प्रशासनिक सुधार की आवश्यकता एंव महत्व पर प्रकाश डालिए?

9. Describe the Role & Functions of Permanent Executives?   16

   स्थाई कार्यकारियों की भूमिका और कार्यों का वर्णन कीजिए?

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