

5040

B. Voc. (FT) EXAMINATION, May 2023

(Second Semester)

TEXTILE STRUCTURE AND DESIGN

DEVELOPMENT

FTAD-107S

Time : 3 Hours

Maximum Marks : 80

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. **1** is compulsory.

1. Attempt the following short answer questions. Each question carries 2 marks. : **8×2=16**

- (a) Define the term 'weave'.
- (b) List various types of draft.
- (c) List types of twill weave.
- (d) Mention the weaves which uses pointed draft.
- (e) What are honeycomb weaves ?
- (f) Mention the end uses of honeycomb weaves.
- (g) What are pile fabrics ?
- (h) Define double cloth.

Unit I

- 2.** (a) Briefly discuss the basic elements of woven design. **6**
- (b) Classify the plain weave. Mention the basic characteristics of a plain weave. **4**

(c) Give the design, draft and peg plan for the following : **6**

(i) 2/3 warp rib

(ii) 4/2 weft rib

3. (a) Write the basic characteristics of twill weaves. Classify twill weaves. **6**

(b) Give the design, draft and peg plan for the following twill weaves : **10**

(i) 3/3

(ii) 2/4

Unit II

4. (a) Write characteristics of Ordinary Honeycomb Weaves. Give the design, draft and peg plan for an ordinary honeycomb weave on a repeat size of 10×10 . **8**

(b) Give the design, draft and peg plan for a huck-a-back weave on a repeat size of 8×8 . **8**

5. Give the design, draft and peg plan for an extra warp figured double cloth having the following particulars : **16**

Ratio of figured to ground warp - 1 : 1

Ground weave - plain

Repeat size of motif - 10×10

Assume that one colour is to be used in figured warp.

Unit III

6. Write Complete classification of Pile Fabrics. Compare weft pile and warp pile structures. What are the end uses of velveteens and warp pile fabrics ? **16**

7. Why fast pile structure with velveteen is made ? Draw the structure of plain velveteens and velveteen with fast pile structure and explain. **16**

Unit IV

8. What are double cloths and their uses ? How are double cloths classified ? Give similarities and difference between double cloths and backed cloths. **16**

9. What are the different ways of producing double cloths ? Give the design for a double cloth of your choice. **16**

5041

B. Voc. (F.T.) EXAMINATION, May 2023

(Second Semester)

GARMENT CONSTRUCTION-I

FTAD-108S

Time : 3 Hours

Maximum Marks : 80

Note : Attempt *Five* questions in all, selecting *one* question each from section A, B, C, D. Q. No. **1** is compulsory. All questions carry equal marks.

- 1.** The question has ten parts and attempt any *eight* of them : **8×2=16**
- (a) What are the functions of button sewing and button attachment machine ?
 - (b) What do you understand by spreading of fabric for cutting ?
 - (c) Name any *four* cutting machine.
 - (d) What is stitch regulator ?
 - (e) What is the function of fabric examining machine ?
 - (f) What are the objectives of Cutting ?
 - (g) What are the tools required for cleaning of Sewing Machine ?

- (h) What are the common defects that occur while stitching ?
- (i) What is the purpose of Pressing ?
- (j) What is seam and stitch ?

Section-A

- 2. Write down the different parts of a Sewing Machine and their functions in detail with a neat and clean diagram. **16**
- 3. What are the common defects that occur while stitching ? Write the causes and corrective action for the same. **16**

Section-B

- 4. (a) Discuss about the different parts of Sewing Needle. **6**
- (b) Discuss about bobbin and bobbin case and their functions. **5**
- (c) Discuss about stitch length and stitch width regulator. **5**
- 5. (a) Discuss about the different feed mechanisms. **12**
- (b) Discuss about the different pressure foot and its type. **4**

Section-C

- 6. What are the objectives of Cutting ? Discuss about the tools and equipments used for fabric cutting. **16**
- 7. Discuss about the objectives of spreading and spreading method. Also discuss about its tools and equipments. **16**

Section-D

- 8. (a) What do understand by stitch ? Discuss about stitch classification. **8**
- (b) What do understand by seam ? Discuss about seam classification ? **8**
- 9. (a) What are marker, marker making and marker drawing ? **4**
- (b) Why pressing is required on garments ? **2**
- (c) What is sewing thread and discuss about different type of Sewing Thread ? **4**
- (d) Give detail of Different Pressing Equipment. **6**

Unit IV
इकाई IV

8. (a) What are Do's and Don'ts of Group Discussion ?

2×8=16

ग्रुप डिस्कशन के 'क्या कीजिए' और 'क्या न कीजिए' क्या हैं ?

- (b) What are the importance of Public speaking ?

सार्वजनिक बोलने का क्या महत्व है ?

9. Define team. Also describe the factors to be considered while forming a team and also mention the importance of team work in detail.

16

टीम को परिभाषित कीजिए । टीम बनाते समय विचार किए जाने वाले कारकों का भी वर्णन कीजिए और टीम वर्क के महत्व का भी विस्तार से उल्लेख कीजिए ।

5043

B. Voc. (F.T.) EXAMINATION, May 2023

(Second Semester)

SOFT SKILLS AND PERSONALITY

DEVELOPMENT

FTAD-110G

Time : 3 Hours

Maximum Marks : 80

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. 1 is compulsory. 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 हैं ।

1. Write short notes on the following : 4×4=16

- (a) Define hard skill and soft skill with examples.
(b) What do you understand by interpersonal relationship ?
(c) Define Communication and explain the importance of body language in communication.
(d) Importance of decision making ability.

निम्नलिखित पर संक्षिप्त टिप्पणियाँ लिखिए :

- (अ) हार्ड स्किल और सॉफ्ट स्किल को उदाहरण सहित परिभाषित कीजिए ।

- (ब) पारस्परिक संबंध से आप क्या समझते हैं ?
 (स) संचार को परिभाषित कीजिए और संचार में दैहिक भाषा के महत्व की व्याख्या कीजिए ।
 (द) निर्णय लेने की क्षमता का महत्व

Unit I

इकाई I

2. What is self-confidence ? What are the various causes of people lacking self-confidence ? How one can increase self-confidence ? **16**
 आत्मविश्वास क्या है ? लोगों में आत्मविश्वास की कमी के विभिन्न कारण क्या हैं ? सेल्फ-कॉन्फिडेंस कैसे बढ़ा सकते हैं ?
3. Why is Time Management important ? Describe Time Management Chart of Priority with examples. Write any *five* tips to Better Your Time Management. **16**
 टाइम मैनेजमेंट क्यों जरूरी है ? समय प्रबंधन के प्राथमिकता चार्ट का उदाहरण सहित वर्णन कीजिए । अपने समय प्रबंध को बेहतर बनाने के लिए कोई पाँच सुझाव दीजिए ।

Unit II

इकाई II

4. What are Social Skills ? Explain any *five* most important skills with their importance. **16**
 सामाजिक कौशल क्या हैं ? किन्हीं पाँच सबसे महत्वपूर्ण कौशलों को उनके महत्व सहित समझाइए ।

5. Define communication skills and write its importance. What are the barriers in enhancing communication skills and how one can overcome these barriers ? **16**
 संचार कौशल को परिभाषित कीजिए और उसका महत्व लिखिए । संचार कौशल को बढ़ाने में क्या बाधाएँ हैं और इन बाधाओं को कैसे दूर किया जा सकता है ?

Unit III

इकाई III

6. Describe in detail any *ten* strategies for Personal Grooming. **16**
 पर्सनल ग्रूमिंग के लिए किन्हीं दस रणनीतियों का विस्तार से वर्णन कीजिए ।
7. Write short notes on the following : **4×4=16**
 (a) Social Etiquettes
 (b) Business Etiquettes
 (c) Table Etiquettes
 (d) Telephone Etiquettes.
 निम्नलिखित पर संक्षिप्त टिप्पणियाँ लिखिए :
 (अ) सामाजिक शिष्टाचार
 (ब) व्यापार शिष्टाचार
 (स) टेबल शिष्टाचार
 (द) टेलीफोन शिष्टाचार ।

9. Write explanatory notes on the following : $2 \times 8 = 16$

(a) Drugs and their effects

(b) Chipko movement

निम्नलिखित पर व्याख्यात्मक टिप्पणियाँ लिखिए :

(अ) दवाएँ और उनके प्रभाव

(ब) चिपको आंदोलन

5044

B. Voc. (F.T.) EXAMINATION, May 2023

(Second Semester)

ENVIRONMENTAL STUDIES

FTAD-111G

Time : 3 Hours

Maximum Marks : 80

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. **1** is compulsory. 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 हैं।

1. Write brief notes on following : $4 \times 4 = 16$

(a) Importance of environmental studies.

(b) India as a mega biodiversity nation.

(c) Causes and effects of noise pollution.

(d) Creating awareness about drug abuse.

निम्नलिखित पर संक्षिप्त टिप्पणी लिखिए :

(अ) पर्यावरण अध्ययन का महत्व

(ब) एक मेगा जैवविविधता राष्ट्र के रूप में भारत

(स) ध्वनि प्रदूषण के कारण और प्रभाव

(द) नशीली दवाओं के दुरुपयोग के बारे में जागरूकता पैदा करना।

Unit I
इकाई I

2. How does deforestation affect environment, forests and tribal people ? Elaborate. **16**
वनों की कटाई पर्यावरण, वनों और जनजातीय लोगों को कैसे प्रभावित करती है ? विस्तार में बताइए ।
3. Define land degradation. Human activities are responsible for land degradation. Elaborate it. **16**
भूमि क्षरण को परिभाषित कीजिए । भूमि क्षरण के लिए मानवीय गतिविधियाँ जिम्मेदार हैं । इसका विस्तार से वर्णन कीजिए ।

Unit II
इकाई II

4. Write explanatory notes on the following : **2×8=16**
(a) Structure of forest ecosystem.
(b) Types and importance of food chains.
निम्नलिखित पर व्याख्यात्मक टिप्पणियाँ लिखिए :
(अ) वन पारिस्थितिकी तंत्र की संरचना
(ब) खाद्य शृंखलाओं के प्रकार और महत्व
5. Give an overview of threats to biodiversity due to human activities and also describe about its conservation. **16**
मानव गतिविधियों के कारण जैव विविधता के लिए खतरों का एक सिंहावलोकन दीजिए और इसके संरक्षण के बारे में भी वर्णन कीजिए ।

Unit III
इकाई III

6. Define solid waste. Give an overview of various methods used for solid waste management in India. **16**
ठोस अपशिष्ट को परिभाषित कीजिए । भारत में ठोस अपशिष्ट प्रबंधन के लिए उपयोग की जाने वाली विभिन्न विधियों का संक्षिप्त विवरण दीजिए ।
7. Write detailed notes on the following : **2×8=16**
(a) Forest Conservation Act
(b) Effects of water pollution
निम्नलिखित पर विस्तृत टिप्पणियाँ लिखिए :
(अ) वन संरक्षण अधिनियम
(ब) जल प्रदूषण के प्रभाव

Unit IV
इकाई IV

8. Write explanatory notes on the following : **2×8=16**
(a) Human population growth
(b) Causes and effects of floods
निम्नलिखित पर व्याख्यात्मक टिप्पणियाँ लिखिए :
(अ) मानव जनसंख्या वृद्धि
(ब) बाढ़ के कारण और प्रभाव

5048

B. Voc. (F.T.) EXAMINATION, May 2023

(Fourth Semester)

FASHION ACCESSORIES

FTAD-206S

Time : 3 Hours

Maximum Marks : 80

Note : Attempt *Five* questions in all, selecting *one* questions each from Section A, B, C, D. Q. No. **1** is compulsory. All questions carry equal marks.

- 1.** The question has *eight* parts and each part is compulsory : **8×2=16**
- (a) Define the term fashion accessories and classify it.
 - (b) Name the different metals used for jewelery.
 - (c) What are different raw materials used for accessories ?
 - (d) What are trims and accessories ?
 - (e) Give any *two* properties of leather.
 - (f) List out the trims and material used for making handbag.
 - (g) Difference between lining and interlining.
 - (h) What are precious and semi-precious stones ? Name any *four*.

Section-A

2. Discuss about any eight fashion accessories. **16**
3. Discuss about different trims and accessories used in garment industry. **16**

Section-B

4. (a) Write down different processes used for making leather. **12**
- (b) Discuss the following : **4**
- (i) Buffed leather
 - (ii) Embossed leather
 - (iii) Nubuck leather
 - (iv) Suede leather.
5. (a) Discuss about leather, its types and leather properties. **8**
- (b) How to take care of leather ? What are the end uses of leather ? **8**

Section-C

6. Write short notes on the following : **4×4=16**
- (a) Button
 - (b) Sewing threads
 - (c) Zippers
 - (d) Metallic fasteners, snap fasteners and rivet

7. What are the components and trims used in garments ? **16**

Section-D

8. (a) Discuss about the production technique of jewellery. **10**
- (b) Discuss about different styles of jewellery. **6**
9. (a) What are the different stone setting and stone cutting ? Explain. **8**
- (b) Give detail of different type of metals used in jewellery making. **8**