# RESEARCH METHODOLOGY

1.

1.	What is a research hypothesis?
	(a) A statement of fact
	(b) A testable prediction
	(c) A conclusion drawn from data
	(d) A research tool
2.	Which of the following is not a type of research design?
	(a) Exploratory (b) Descriptive
	(c) Conclusive (d) Narrative
3.	What is the primary goal of exploratory research ?
	(a) To gain insights and explore ideas
	(b) To test hypotheses
	(c) To confirm existing theories
	(d) To collect quantitative data
4.	Which of the following is a characteristic of qualitative research ?
	(a) Seeks to understand meanings and experiences
	(b) Focuses on numerical data
	(c) Uses random sampling exclusively
	(d) Involves statistical analysis
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5.	In r	esearch, what does 'sampling'	refer	to?		
	(a)	Choosing a research question				
	(b)	Selecting a subset of a popul	lation			
	(c)	Analyzing data				
	(d)	Formulating a hypothesis				
6.	Wha	nt is the main purpose of a li	teratu	re review in research ?		
	(a)	To gather data				
	(b)	To summarize findings				
	(c)	To identify gaps and justify a	resear	ch		
	(d)	To formulate hypotheses				
7.	Whi	ch of the following is a poten	tial so	ource of error in research designs ?		
	(a)	Bias	(b)	Control groups		
	(c)	Random sampling	(d)	Variable manipulation		
8.	Wha	at role do variables play in re	searcl	n ?		
	(a)	They are fixed elements				
	(b)	They represent measurable tra	aits o	r characteristics		
	(c)	They are irrelevant to research	h			
	(d)	They only exist in qualitative	stud	ies		
9.	Whi	ch of the following research d	esigns	s focuses on establishing cause-and-		
	effe	ct relationships ?				
	(a)	Descriptive	(b)	Exploratory		
	(c)	Causal	(d)	Historical		
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10.	Which term describes the ethical obligation to report findings truthfully	?
	(a) Scientific misconduct (b) Research integrity	
	(c) Intellectual honesty (d) Conflicts of interest	
11.	What is the role of propositions in theory building ?	
	(a) They serve as standalone theories	
	(b) They are relationships that can be tested	
	(c) They are irrelevant to research	
	(d) They only exist in qualitative studies	
12.	What distinguishes conclusive research from exploratory research ?	
	(a) It uses qualitative methods	
	(b) It aims to provide final answers	
	(c) It is less structured	
	(d) It only involves surveys	
13.	Which of the following is a key principle of research ethics?	
	(a) Fabrication of data	
	(b) Plagiarism	
	(c) Informed consent	
	(d) Ignoring conflicts of interest	
14.	In which of the following is the 'impact factor' primarily used ?	
	(a) Qualitative Research (b) Descriptive Research	
	(c) Experimental Research (d) Academic Publishing	
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15.	wn	ich of the following describes	Tais	incation in research misconduct ?
	(a)	Copying someone else's world	ζ.	
	(b)	Misrepresenting research data	ì	
	(c)	Making false claims about a	uthors	ship
	(d)	Not citing sources		
16.	Wh	at is the primary focus of des	cripti	ve research ?
	(a)	To find cause-and-effect rela	tionsł	nips
	(b)	To provide a detailed accoun	t of	a phenomenon
	(c)	To explore new areas of stud	łу	
	(d)	To test hypotheses		
17.	Wh	ich research method is typical	ly us	ed for gathering qualitative data?
	(a)	Surveys	(b)	Experiments
	(c)	Interviews	(d)	Case studies
18.	Wh	ich of the following is a crite	rion	for evaluating research sources ?
	(a)	Popularity	(b)	Author's age
	(c)	Length	(d)	Relevance
19.	Wh	at does ICT stand for in the	conte	xt of research?
	(a)	Information and Communicat	ion 7	Technology
	(b)	Information Collection Techn	iques	
	(c)	Integrated Communication To	ools	
	(d)	International Collaborative Te	eams	
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20.	In v	which stage of the research pr	ocess	are objectives formulated?
	(a)	Data collection	(b)	Literature review
	(c)	Research design	(d)	Analysis
21.	Wh	at is the significance of refere	encing	in research ?
	(a)	To embellish the paper		
	(b)	To acknowledge sources and	avoid	l plagiarism
	(c)	To make the paper longer		
	(d)	To confuse readers		
22.		at type of error occurs when variables ?	a rese	earcher fails to control for extrane-
	(a)	Systematic error	(b)	Random error
	(c)	Measurement error	(d)	Sampling error
23.		ich type of sampling involves racteristics ?	seled	eting participants based on specific
	(a)	Random sampling	(b)	Convenience sampling
	(c)	Stratified sampling	(d)	Purposive sampling
24.	Wh	at is the primary aim of causa	al rese	earch?
	(a)	To explore relationships		
	(b)	To describe phenomena		
	(c)	To establish a cause-effect re	lation	ship
	(d)	To gather qualitative data		
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25.	Wh	Which of the following describes the term 'plagiarism'?				
	(a)	Collaborating without acknow	vledge	ement		
	(b)	Falsifying data				
	(c) Using someone else's work without credit					
	(d)	Misrepresenting findings				
26.	Wh	at is one of the main objectiv	es of	conclusive research ?		
	(a)	To provide conclusive evider	ice			
	(b)	To explore ideas				
	(c)	To generate new theories				
	(d)	To gather exploratory data				
27.	Wh	at type of research focuses on	ever	nts that have already occurred?		
	(a)	Historical	(b)	Experimental		
	(c)	Descriptive	(d)	Exploratory		
28.	Wh	ich of the following best desc	ribes	'scientific misconduct' ?		
	(a)	Ethical research practices				
	(b)	Ignoring conflicts of interest				
	(c)	Any violation of ethical stand	dards	in research		
	(d)	Thorough data analysis				
29.	Wh	at does qualitative data typica	lly co	onsist of ?		
	(a)	Numbers and statistics	(b)	Experimental results		
	(c)	Graphs and charts	(d)	Text, interviews, and observations		
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30.	Wh	ich of the following is an exa	mple	of a secondary data source	?
	(a)	A survey conducted by the re	esearc	her	
	(b)	A laboratory experiment			
	(c)	Interviews conducted by the	resea	rcher	
	(d)	Government statistics			
31.	In 1	research, what is a 'theory'?			
	(a)	A guess			
	(b)	A proven fact			
	(c)	A systematic explanation of j	pheno	mena	
	(d)	An anecdotal observation			
32.	Wh	ich of the following is an esse	ential	aspect of research integrity	?
	(a)	Avoiding all criticism			
	(b)	Ignoring dissenting opinions			
	(c)	Acknowledging contributions	of o	thers	
	(d)	Overstating the significance of	of fin	dings	
33.	Wh	ich referencing style is most c	comm	only used in social sciences	?
	(a)	APA	(b)	MLA	
	(c)	Chicago	(d)	Harvard	
34.	Wh	at is an impact factor?			
	(a)	A measure of a journal's qua	lity		
	(b)	A tool for qualitative research	h		
	(c)	A statistical method for data	analy	rsis	
	(d)	A type of sampling technique	e		
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35.	What is the rationale for using qualitative research?					
	(a) To quantify results					
	(b) To understand complex behaviors and social phenomena					
	(c) To conduct experiments					
	(d) To gather numerical data only					
36.	Which of the following terms refers to an error that occurs due to chance?					
	(a) Systematic error (b) Sampling error					
	(c) Measurement error (d) Random error					
37.	What is the role of indexing and citation databases in research?					
	(a) To limit access to research					
	(b) To promote unethical research					
	(c) To track and evaluate research outputs					
	(d) To confuse researchers					
38.	In qualitative research, what is a common method of data collection?					
	(a) Randomized controlled trials					
	(b) Surveys with closed questions					
	(c) Focus groups					
	(d) Statistical analysis					
39.	What does the term 'conflicts of interest' refer to in research ?					
	(a) When researchers are unbiased					
	(b) When personal interests affect research integrity					
	(c) When researchers work collaboratively					
	(d) When data is misinterpreted					
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40.	Wh	ich of the following is a key component of ethical research co	nduct ?
	(a)	Ignoring ethical guidelines	
	(b)	Transparency in data reporting	
	(c)	Misrepresenting authorship	
	(d)	Fabricating data	
41.	Wh	at is the focus of historical research?	
	(a)	Present data analysis (b) Future predictions	
	(c)	Understanding past events (d) Causal relationships	
42.	In 1	research, what does 'data interpretation' involve ?	
	(a)	Collecting new data	
	(b)	Analyzing and making sense of data	
	(c)	Conducting interviews	
	(d)	Writing the research proposal	
43.	Wh	ich of the following best describes 'data triangulation'?	
	(a)	Using multiple methods or data sources to enhance credibility	•
	(b)	Collecting data from a single source	
	(c)	Focusing solely on quantitative data	
	(d)	Analyzing data without context	
44.	Wh	at is one of the main functions of a research design?	
	(a)	To gather irrelevant data	
	(b)	To outline the research approach	
	(c)	To ignore ethical considerations	
	(d)	To present data without analysis	
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45.	Wh	at does it mean to 'fabricate'	data	in research?
	(a)	To collect data ethically		
	(b)	To summarize findings accur	ately	
	(c)	To analyze data thoroughly		
	(d)	To create false data or result	S	
46.	Wh	at is a common tool used for	quali	tative data analysis ?
	(a)	SPSS	(b)	NVivo
	(c)	Excel	(d)	R
47.		ich of the following research all, specific groups ?	met	hods is most suitable for studying
	(a)	Surveys	(b)	Experiments
	(c)	Case studies	(d)	Longitudinal studies
48.	Wh	at is the purpose of publication	n eth	ics ?
	(a)	To ensure fair and honest re-	portin	g in research
	(b)	To promote unethical practice	es	
	(c)	To prioritize personal gain		
	(d)	To limit research collaboration	n	
49.	Wh	ich of the following represent	s a q	ualitative data analysis method ?
	(a)	Correlation analysis	(b)	ANOVA
	(c)	Regression analysis	(d)	Thematic analysis
50.	Wh	at role does ICT play in mod	ern re	esearch ?
	(a)	It complicates the research p	roces	S
	(b)	It has no impact on research		
	(c)	It limits access to research f	inding	gs
	(d)	It facilitates data collection a	ınd aı	nalysis
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# Management

51.	Wh	at describes the market, produ	uct an	nd technological areas of business?
	(a)	BCG Matrix		
	(b)	GE Nine Cell Matrix		
	(c)	7's framework		
	(d)	Company's Mission		
52.	Nan	me the factors taken into cons	siderat	tion in Internal Analysis :
	(a)	Firm Resources		
	(b)	Objective, plans and policies	s of th	he firm
	(c)	The type of business involve	ed	
	(d)	All of the above		
53.	Div	ersification is to a new busir	ness a	rea that has no obvious connection
	with	n any of the company's existi	ng are	eas refer to :
	(a)	Forward integration		
	(b)	Backward integration		
	(c)	Conglomerate diversification		
	(d)	Concentric diversification		
54.	Wh	ich business unit generates su	bstanti	ial cash surplus due to low industry
	grov	wth rate and high profit share	e ?	
	(a)	Dog	(b)	Cash cow
	(c)	Question mark	(d)	Star
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55.					
	company should be engaged in:				
	(a)	Idea screening			
	(b)	Product development			
	(c)	Marketing strategy developm	nent		
	(d)	Product positioning			
56.	Rel	ationship marketing aims at	build	ling mutually satisfying long-term	
	rela	tions with :			
	(a)	Customers	(b)	Employees	
	(c)	Marketing partners	(d)	All of these	
57.	In t	he social-cultural arena, mark	keters	may not understand:	
	(a)	People's views	(b)	Organisation's views	
	(c)	Society's views	(d)	Government's views	
58.	A n	nanufacturer of industrial good	ls wou	ld use sales force structure.	
	(a)	Territorial	(b)	Matrix	
	(c)	Product	(d)	Market	
59.	Wh	ich of the following is/are a	type(s	) of direct marketing ?	
	(a)	Direct-Response Advertising			
	(b)	Personal Selling			
	(c)	Telemarketing			
	(d)	All of the above			
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In inventory control, which one	of the	following factors does not affect the
ROL (Re-Order-Level) ?		
(a) Average Daily Usage	(b)	Lead Time
(c) Safety Stock	(d)	Holding Costs
With project cost of Rs. 300 la	acs, pro	fits after depreciation (straight line
method) and tax for its lifetime	e of 5	years are estimated at Rs. 10 lacs,
Rs. 10 lacs, Rs. 30 lacs, Rs. 40	lacs an	d Rs. 50 lacs respectively. The cost
of capital is 12% and discount	factors	@ 12%, for the first five years are
0.89, 0.80, 0.71, 0.64 and 0.57 re	espectiv	ely. The Net present value of project
is:		
(a) Rs. 8.90 lacs	(b)	Rs. 140 lacs
(c) Rs. (-) 207.70 lacs	(d)	Rs. 308.90 lacs
A firm is currently earning Rs	. 50,00	0 and its one share has a present
market value of Rs. 175. It has 5,000 shares outstanding. The earn		
the firm is expected to remain	stable	and it has a payout ratio of 100%.
The cost of equity is:		
(a) 10%	(b)	5.71%
(c) 100%	(d)	23.50%
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	ROL (Re-Order-Level)?  (a) Average Daily Usage  (c) Safety Stock  With project cost of Rs. 300 lamethod) and tax for its lifetime. Rs. 10 lacs, Rs. 30 lacs, Rs. 40 of capital is 12% and discount 0.89, 0.80, 0.71, 0.64 and 0.57 resis:  (a) Rs. 8.90 lacs  (c) Rs. (-) 207.70 lacs  A firm is currently earning Rs. market value of Rs. 175. It has the firm is expected to remain The cost of equity is:  (a) 10%	(a) Average Daily Usage (b) (c) Safety Stock (d)  With project cost of Rs. 300 lacs, promethod) and tax for its lifetime of 5 method) and lifetime of 5 method) and tax for its lifetime of 5 method) and lifetime of 5 method) and lifetime of 5 method) and lifetime of 8 method) and lifetime of 5 method) and li

- 63. A firm earns return on investment at the rate of 20%, earning per share is Rs. 15, payout ratio is 50%, cost of equity is 12%; the market price per share as per Walter's model is:
  - (a) Rs. 300

(b) Rs. 240

(c) Rs. 75

- (d) Rs. 166.67
- **64.** Consider the below mentioned statements and state the correct code of the statements being true or false.
  - **Statement (I):** A debt-equity ratio of 2: 1 indicates that for every 1 unit of equity, the company has raised 2 units of debt.
  - **Statement (II):** The cost of floating an equity issue is lesser than the cost of floating a debt

### Code:

- (a) Both the Statements (I) and (II) are false.
- (b) Both the Statements (I) and (II) are true.
- (c) Statement (I) is false and Statement (II) is true.
- (d) Statement (I) is true and Statement (II) is false.
- 65. Debt Service Coverage Ratio indicates which one of the following?
  - (a) Effective utilisation of assets.
  - (b) Number of times fixed assets cover borrowed funds.
  - (c) Excess of Current Assets over Current Liabilities.
  - (d) Number of times surplus covers interest and instalments of Term Loans.

66.	Aut	horised capital of a company i	is Rs.	5 lacs ; 40% of it is paid up. Loss
	incurred during the year is Rs. 50,000.Accumulated loss carried from last			
	yea	r is Rs. 2 lac. The company l	nas a	Tangible Net Worth of:
	(a)	Rs. 2 lacs	(b)	Rs. 2.50 lacs
	(c)	Rs. (-)50,000	(d)	Rs. 7,50,000
67.	The	critical path of a network is	:	
	(a)	For which earliest start time	and 1	atest start time are same
	(b)	The shortest time path through	gh a 1	network
	(c)	For which earliest finish time	e and	latest finish time are same
	(d)	The longest time path throug	h a n	etwork
68.	If a	person buys one ticket of a	State	lottery, then the probability that he
	win	s a price is 0.11. If a person	n buy	s one ticket each month for five
	mor	nths, what is the probability th	nat he	will win least one price ?
	(a)	0.55	(b)	0.50
	(c)	0.44	(d)	0.56
69.	The	standard error of the mean o	f a ra	ndom sample of size two or more.
	(a)	Always exceeds the population	on sta	ndard deviation.
	(b)	Either exceeds or equals the	popul	ation standard deviation.
	(c)	is always lower than the pop	oulatio	n standard deviation
	(d)	is always equal to the popula	ation	standard deviation.
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70.	A store manager is trying to ex	plore the relationship between percentage			
	fat content (Y) and price (X) of	various dairy products. He finds that the			
	coefficient of determination is 0.	4624 and the estimated regression line is			
	Y = 0.5 - 0.02  X. The coefficient	ent of correlation would be:			
	(a) 0.68	(b) - 0.68			
	(c) - 0.02	(d) 0.4624			
71.	Which of the following statement	s on testing of hypothesis is always true?			
	(a) When the null hypothesis is 1% level of significance.	s rejected at 5%, it is always rejected at			
	(b) When the null hypothesis is level of significance.	rejected at 1%, it is also rejected at 5%			
	(c) When the null hypothesis is level of significance.	s not rejected at 1%, it is rejected at 5%			
	(d) No definite assertion can be	e made.			
72.	Which of the following devices	would be considered a typical sequential			
	access medium ?				
	(a) Magnetic Hard Disk	(b) Magnetic Floppy Disk			
	(c) Magnetic Tape	(d) CD ROM			
73.	In a railway yard, goods trains ar	rive at a rate of 30 trains per day. Assume			
	that the inter-arrival time follows an exponential distribution and the service				
	distribution is also an exponential with an average of 36 minutes. The				
	probability that the size of the queue exceeds 10 is:				
	(a) 0.944	(b) 0.750			
	(c) 0.250	(d) 0.056			
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- 74. If in the optimal solution of a linear programming problem, a non-basic variable has zero value in the  $C_j Z_j$  row, the problem :
  - (a) has no feasible solution
  - (b) has multiple optimal solutions
  - (c) is unbounded
  - (d) (a) and (b), but not (c)
- 75. The best model to compute the probability that a machine functioning well in one period will continue to function or will break down in the next period is:
  - (a) Delphi Model
  - (b) Decision-tree Model
  - (c) Multiplicative Model
  - (d) Markov-Process Model
- **76.** Read the following statements and indicate the *correct* code from given below:

**Statement I:** A subjective probability may be nothing more than an educated guess.

**Statement II:** One reason that decision-makers at high levels often use subjective probabilities is that they are concerned with unique situations.

## Codes:

- (a) Statement I is correct, but Statement II is wrong.
- (b) Statement I is wrong, but Statement II is correct.
- (c) Both Statements I and II are correct.
- (d) Both Statements I and II are wrong.

- 77. The scientific system of collecting and analysis of data pertaining to market is known as:
  - (a) Production Research
  - (b) Advertising Research
  - (c) Marketing Research
  - (d) None of the above
- **78.** Which one of the following is *not* the function of Production Management?
  - (a) Production, Planning and Control
  - (b) Procurement of Raw Materials
  - (c) Market Intelligence and Survey
  - (d) Plant Location and Layout
- **79.** Time study refers to:
  - (a) Developing a standard time to do a particular task
  - (b) Improving work methods
  - (c) Value analysis
  - (d) Value engineering
- **80.** Acceptance Quality level is :
  - (a) Maximum number of defectives that the consumers will accept
  - (b) Fraction defective(s) that the consumer considers acceptable
  - (c) Fraction defective(s) that the producer considers acceptable
  - (d) Maximum number of defectives that the producer will allow

	requ	irements is equal to:			
	(a)	50	(b)	49	
	(c)	15	(d)	14	
82.	Whi	ich of the following is an exa	mple	of an external threat ?	
	(a)	Decreased competition			
	(b)	New Trade Regulations			
	(c)	Global Sales Potential			
	(d)	Economies of Scale			
83.	• Expectancy Theory of Motivation was propounded by :				
	(a)	Porter and Lawler	(b)	McGregor	
	(c)	Vroom	(d)	J. Stacy Adams	
84.	Which one of the following is <i>not</i> a step in planning?				
	(a)	Establishing objectives			
	(b)	Developing premises			
	(c) Determining alternative courses				
	(d) Identifying needs of employees				
85.	Planning is looking ahead and control is:				
	(a)	Scanning environment			
	(b)	Looking back			
	(c)	Setting targets			
	(d)	Defining objectives			
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81. In a transportation problem involving 10 origins and 5 destinations, the

number of constraints representing origin capacity and destination

86.	Human Resource Managemen	nt (HRM) is a part of the broad Human			
	Resource Development (HRD) System, as this focus to :				
	(a) Selection, Induction, Train	ning and Development			
	(b) Operational and Organisat	ional Options			
	(c) Both (a) and (b)				
	(d) None of the above				
87.	Performance Appraisal is a do	uble edged tool to:			
	(a) Create space for the empl	oyee to organisationally survive.			
	(b) Offering challenges for pr	romotion.			
	(c) Accompanying the course	of Demotion.			
	(d) All of the above				
88.	Wage determination is mostly	done through tools which are :			
	(a) Objective				
	(b) Subjective				
	(c) Both (a) and (b)				
	(d) None of the above				
89.	Job Evaluation criterion comes	s from:			
	(a) Job manual	(b) Job description			
	(c) Job specification	(d) Job duration			
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(a)	Removing employees		
(b)	Downsizing		
(c)	Retiring people and rehabilit	ating	them
(d) Bringing new blood to the Corporate			
The	study of gestures and body p	ostures	for their impact on communication
is k	nown as:		
(a)	Kinesics	(b)	Proximics
(c)	Semantics	(d)	Informal channels
Fro	m the following, identify the	decisi	on-support systems :
(i)	Status inquiry system		
(ii)	Data analysis system		
(iii)	Accounting system		
(iv)	Information system		
Cod	les:		
(a)	(i), (ii) and (iii)		
(b)	(ii), iii and (iv)		
(c)	Only (iii)		
(d)	(i), (ii), (iii) and (iv)		
Who	en the values and priorities of	the pa	rent organization guides the strategic
deci	ision making of all its interna	ıtional	operations, it is known as:
(a)	Polycentric Orientation	(b)	Regiocentric Orientation
(c)	Ethnocentric Orientation	(d)	Geocentric Orientation
P-E-2	407(Management)	21	P.T.O.
	(b) (c) (d) The is k (a) (c) From (ii) (iii) (ivi) Coo (a) (b) (c) (d) Who decid (a) (c)	(b) Downsizing (c) Retiring people and rehabilit (d) Bringing new blood to the O The study of gestures and body p is known as: (a) Kinesics (c) Semantics  From the following, identify the (i) Status inquiry system (ii) Data analysis system (iii) Accounting system (iv) Information system  Codes: (a) (i), (ii) and (iii) (b) (ii), iii and (iv) (c) Only (iii) (d) (i), (iii), (iii) and (iv)  When the values and priorities of decision making of all its internal (a) Polycentric Orientation	(b) Downsizing (c) Retiring people and rehabilitating of the decision making of all its international (d) Bringing new blood to the Corporation (d) From the study of gestures and body postures is known as:  (a) Kinesics (b) (b) (c) Semantics (d)  From the following, identify the decision (i) Status inquiry system (ii) Data analysis system (iii) Accounting system (iv) Information system  Codes:  (a) (i), (ii) and (iii) (b) (ii), iii and (iv) (c) Only (iii) (d) (i), (ii), (iii) and (iv)  When the values and priorities of the paradecision making of all its international (a) Polycentric Orientation (b) (c) Ethnocentric Orientation (d)

90. Exit Policy primarily emphasises in the broad sense, for policy makers as:

**94.** Indicate the correct code for the following two statements of Assertion and Reason:

Assertion (A): GDP increases a currency's value.

**Reason (R):** Since there is likely to be greater demand for country's currency.

#### Codes:

- (a) (A) and (R) both are correct, but (R) is not the appropriate explanation of (A).
- (b) (A) and (R) both are correct and (R) is the correct explanation of (A).
- (c) (A) is correct, but (R) is not correct.
- (d) Both (A) and (R) are not correct.
- 95. The salient features of India's Foreign Trade Policy are :
  - (i) Reducing the interest burden and extension of the interest subvention scheme.
  - (ii) Rationalizing defence-related imports.
  - (iii) Focus on labour-intensive sectors.
  - (iv) Extension of zero-duty EPCG scheme.

Codes:

- (a) (i), (ii), (iii) and (iv)
- (b) (i), (ii) and (iii) only
- (c) (i), (iii) and (iv) only
- (d) (ii), (iii) and (iv) only

- **96.** A variable that is manipulated, is known as:
  - (a) Dependent variable
  - (b) Control variable
  - (c) Independent variable
  - (d) Confounding variable
- **97.** Which of the following statements relating to Correlation and Regression are *true*?
  - (i) The Coefficient of Correlation is independent of change of origin and scale.
  - (ii) The Coefficient of Correlation between the two variables is the arithmetic average of the two Regression Coefficients.
  - (iii) The probable error of the Coefficient Correlation is 0.6745 times of its standard error.
  - (iv) Coefficient of Correlation multiplied by the ratio between the standard deviations of the two variables denotes the slope of the regression line.

### Code:

- (a) (1), (ii) and (iii)
- (b) (i), (iii) and (iv)
- (c) (ii) and (iv)
- (d) (ii), (iii) and (iv)
- **98.** In which one of the following probability distributions, the mean value of the distribution is the sole parameter of the distribution?
  - (a) Normal distribution
- (b) Binomial distribution
- (c) Exponential distribution
- (d) Poisson distribution

**99.** For the following two statements of Assertion (A) and Reasoning (R) select the correct code :

**Assertion (A):** Risk analysis of capital investment is the most complex and controversial area in finance.

**Reasoning (R):** Capital investment decisions are based on estimates of future cash inflows.

#### Code:

- (a) (A) is incorrect but (R) is correct.
- (b) (A) is correct but (R) is incorrect.
- (c) (A) and (R) both are correct and (R) is correct explanation of (A).
- (d) (A) and (R) both are correct but (R) is not correct explanation of (A).

100. Acquisition of firms is the same as:

- (i) a merger
- (ii) an amalgamation
- (iii) a takeover
- (iv) an absorption

Select the *correct* code:

- (a) (i), (ii) and (iii) only
- (b) (ii), (iii) and (iv) only
- (c) (i) and (ii) only
- (d) (iii) and (iv) only