

PREVIEW QUESTION BANK

Module Name : SCPH29 Studies in Science Policy - ENG
Exam Date : 26-Oct-2023 Batch : 09:30-12:30

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	995001	If X and Y are two sets such that $X \cup Y$ has 70 elements. X has 38 and Y has 42 elements, how many elements does $X \cap Y$ have? 1. 32 2. 28 3. 10 4. 4 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
2	995006	In how many ways a committee be formed of 5 persons if 9 persons are available and 2 specific persons are compulsory for every committee? 1. 126 2. 35 3. 270 4. 21 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
3	995011	The variance of 256 observations is 7. If each observation is multiplied by 3, the new variance of resulting observation will be 1. 7 2. 21 3. 63 4. $7 \times 3^{1/2}$ A1 : 1	4.0	0.00

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
4	995016	Which one is NOT a nonprobability sampling? 1. Judgement Sampling 2. Quota Sampling 3. Snowball Sampling 4. Cluster Sampling A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
5	995021	What will be the number of possible outcomes, if a coin is tossed 3 times? 1. 6 2. 8 3. 16 4. 3 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
6	995026		4.0	0.00

		Which among the following is not required for calculating Fisher's Index? A. Current Price Level B. Base Price Level C. Current Quantity of Goods and Services Consumed D. Base Quantity of Goods and Services Consumed Choose the correct answer from the options given below: 1. A and B only 2. A, B and C only 3. A, B, C and D only 4. C and D only A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
7	995031	Which statement defines Standard Deviation? 1. Standard Deviation is the square root of the average of the square of the deviation taken from the mean 2. Standard Deviation is the square root of the square of the deviation taken from the mean 3. Standard Deviation is the average of the square of the deviation taken from the mean 4. Standard Deviation is the square root of the average of the square of the deviation taken from the harmonic mean A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
8	995036	Which of the given assumption is NOT true in the classical linear regression analysis? 1. The mean of expected value of disturbance term is non-zero. 2. The disturbances have uniform variance. 3. The disturbances are uncorrelated. 4. Error term is normally distributed. A1 : 1 A2 : 2 A3 : 3	4.0	0.00

		A4 : 4		
Objective Question				
9	995041	The Per Capita Income data collected for the current year for a number of countries are called? 1. Experimental data 2. Panel data 3. Time-series data 4. Cross-section data A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
10	995046	Which statement is NOT true with respect to the level of significance in hypothesis testing? 1. It is the probability of rejecting the null hypothesis, when it is actually true. 2. It is the probability of accepting the null hypothesis, when it is actually false. 3. It is equal to one plus level of confidence 4. It is equal to one minus level of confidence. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
11	995051	If you want to study a population wherein each individual's place of living, ownership of house and age are key parameters, which type of method is most suitable for such a study? 1. Interview Method 2. Census 3. Field Survey Method 4. Online Questionnaire A1 : 1 A2 : 2 A3 : 3	4.0	0.00

		A4 : 4		
Objective Question				
12	995056	The Artificial Intelligence (AI) Technology is an emerging technology. There are a few experts and experienced researchers available in India at present and you want to conduct a study to find out the impact of AI on Dairy and Food Processing Sector in India. You want to use a sampling method for collection of data from the experts. Which of the following sampling method is most suitable for your study? 1. Random Sampling 2. Stratified Sampling 3. Snowball Sampling 4. Probability Sampling A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
13	995061	You want to conduct a research on Innovation in area of Nano-technology. Your key research objective is to find out the barriers faced by Professors of Central Universities of Govt of India for the commercialization of their patents and inventions. Which is the correct method(s) for data collection? 1. Online Survey Method only 2. Online Interview Method only 3. Participatory Observation Method only 4. Online Survey, Online Interview and Participatory Observation Methods A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
14	995066	India has a problem of growing only a few specific crops in Punjab, Haryana and UP. These crops are Wheat, Rice and Sugarcane which consume lots of water and affect the health of soil. A researcher wants to conduct a study on the challenges for Agricultural Crop diversification in India. He has selected and deployed certain research methods. The research methods should have high reliability to get high quality results. Which of the following test(s) is/are the tests of reliability? 1. Criteria Validity 2. Opinion Validity 3. Criteria Validity and Opinion Validity 4. Perception Validity	4.0	0.00

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
15	995071	A Life Science Professor works on the Salt and Drought resistance variety of Rice. He has two PhD students. One uses different techniques for manipulation of the genetic characteristics of the Rice variety. The second plants the seeds in green house and monitors the consumption of water and growth of the Rice plants at different level of salinity. Which type of research is carried out by the Professor and his PhD students? 1. Analytical Research 2. Basic Research 3. Applied Research 4. Fundamental Research A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
16	995076	The Variables are important for collection and analysis of the finding of a study. Which of the following is/are unambiguously true about the Variable Ratio? A. Ratio Variables are interval Variables B. Ratio Variables are Interval Variables with a True Zero Value C. Ratio Variables are Interval Variables with a False Zero Value Choose the most appropriate answer from the options given below: 1. B only 2. B and C only 3. A and C only 4. A, B and C A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
17	995081		4.0	0.00

		The Case Study Method A. is an empirical inquiry B. focuses on describing C. focuses on predicting D. focuses on understanding E. controls parameters Choose the most appropriate answer from the options given below: 1. A, B, C, D , and E 2. A, B, C and D only 3. B, C, D and E only 4. C, D , and E Only A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
18	995086	A Semi-Structured Questionnaire A. is a combination of open ended and closed ended questions. B. allows respondent to provide additional information. C. consists only close ended questions. D. consists only open ended questions. Choose the most appropriate answer from the options given below: 1. A, B, and C only 2. B and C only 3. A and B only 4. C and D only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
19	995091		4.0	0.00

		Likert's type Scale A. is a useful tool for measurement of perception. B. is an appropriate tool for measurement of attitudes. C. is used to rank the preferences of stakeholders. D. is not used to rank the preferences of stakeholders. Choose the most appropriate answer from the options given below: 1. A, B and C only 2. A, C and D only 3. A, B, D only 4. B, C and D only A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
20	995096	Which among the following options describe correctly the 'Focused Group Discussion' as a research method? A. A small numbers of participants are involved. B. Experts are the participants. C. Discussion happens in presence of a moderator. D. A person without any expertise/ background is also involved to increase the effectiveness of the results. Choose the most appropriate answer from the options given below: 1. A and B Only 2. A, B, and C only 3. A, B, C and D 4. B, C and D only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
21	995101		4.0	0.00

Which of the following define Standard Normal Distribution in statistics

- A. Mean = 0.5; Variance=1
- B. Mean=0; Variance =1
- C. Mean=1; Variance 0
- D. Mean=0 Variance=0
- E. Symmetry around mean

Choose the most appropriate answer from the options given below:

- 1. A, E Only
- 2. B, E Only
- 3. B Only
- 4. C, E Only

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

22	995106	In multiple regression, if the correlation of coefficients of two explanatory variables is very close to 1, there exists A. no collinearity between the two variables. B. an opportunity to take principal component of the two variables C. a near perfect collinearity between the two variables. D. low collinearity between the two variables. E. very high collinearity between the two variables. Choose the most appropriate answer from the options given below: 1. B Only 2. B, C Only 3. D Only 4. A, C Only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

23	995111		4.0	0.00
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Which of the following statement is/are NOT TRUE about a regression model in the presence of mild or moderate multicollinearity?

- A. OLS estimators are NOT BLUE
- B. OLS estimators are sensitive to small changes in the data
- C. The model cannot be used for prediction/forecasting
- D. R square is high
- E. t ratio of coefficients tend to be statistically insignificant

Choose the most appropriate answer from the options given below:

- 1. B, C Only
- 2. A, B, C, D Only
- 3. A, C Only
- 4. B, C, D Only

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

24	995116	Multicollinearity does not hurt if the objective of estimation is 1. Forecasting only 2. Predicting only 3. Getting reliable estimation of parameters 4. Prediction or forecasting A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

25	995121	In statistics, rejecting a true hypothesis means committing 1. Type I error 2. Type II error 3. Structural error 4. Hypothesis error A1 : 1 A2 : 2	4.0	0.00
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		A3 : 3		
		A4 : 4		
Objective Question				
26	995126	In statistics, variables such as gender, marital status, colour of the eye are examples of 1. Ratio scale 2. Interval scale 3. Ordinal scale 4. Nominal scale A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
27	995131	The dependent variable in regression analysis is assumed to be 1. stochastic 2. non-stochastic 3. constant 4. arbitrary A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
28	995136	As the number of explanatory variables in a regression model increases, the R square value 1. definitely increases 2. definitely decreases 3. definitely will not increase 4. definitely will not decrease A1 : 1 A2 : 2 A3 : 3	4.0	0.00

		A4 : 4		
Objective Question				
29	995141	In regression analysis, how many dummy variables we can use when there are m categories of a variable. 1. m+1 2. m 3. m-1 4. m/2 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
30	995146	The Durbin-Watson 'd statistics' for auto-correlation can take values between 1. 0 and 2 2. 2 and 4 3. 0 and 4 4. 4 +/- 2 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
31	995151		4.0	0.00

What are the rationale for choosing ethnographic method?

- A. Truth can not be discovered by applying the method of the natural sciences to study the social phenomena
- B. Social Phenomena are different from physical phenomena in character
- C. Ethnography enables the researcher to get closer to social phenomena and thereby facilitate a better understanding
- D. Ethnography is based on the assumption of multiple realities and captures only one aspect of reality .

Choose the most appropriate answer from the options given below:

- 1. A, B and C Only
- 2. A, B and D Only
- 3. A,C and D Only
- 4. B,C and D Only

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

32	995156	Who propounded the idea of " Anarchistic Methodology"? 1. Eduward Shils 2. Thomas Kuhn 3. Imre Lakatos 4. Paul Feyerabend A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

33	995161		4.0	0.00
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What is true about Foucault's concept of discourse analysis?

- A. Discourse is a group of statements which provide a language for talking about a particular topic.
- B. Discourse is about the production of knowledge through language
- C. Discourse is purely a linguistic concept
- D. Discourse try to overcome the traditional distinction between what people say(language) and what one does(Practice)

Choose the most appropriate answer from the options given below:

- 1. A, B, and C Only
- 2. A, B, and D Only
- 3. B, C, and D Only
- 4. A,C. and D Only

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

34	995166	Which among the following is/are not the limitation of a Web-based survey? A.It allows for anonymity in response. B.It minimises the cost of data collection. C. It allows for multiple responses from a single individual. D. It makes collection of large number of responses from geographically widely distributed population easier. 1. A, B and C Only 2. B,C. and D only 3. A,B, and D only 4. A,C, and D only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

35	995171		4.0	0.00
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Karl Popper suggested

1. Inductive method
2. Deductive method
3. Falsification method
4. Abductive method

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

36	995176	Positivism does not assume 1. the existence of reality independent of the observer 2. objectivity of the social phenomena 3. that social phenomena are influenced by meanings attributed to them 4. the unity of method A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

37	995181	1 Match List I with List II	4.0	0.00																				
<table><tr><th colspan="2">LIST I</th><th colspan="2">LIST II</th></tr><tr><td>A.</td><td>Idea of Social Sciences</td><td>I.</td><td>Hans-Georg Gadamer</td></tr><tr><td>B.</td><td>Truth and Method</td><td>II.</td><td>Peter Winch</td></tr><tr><td>C.</td><td>Tao of Physics</td><td>III.</td><td>Alvin Toffler</td></tr><tr><td>D.</td><td>Future Shock</td><td>IV.</td><td>Fritjof Capra</td></tr></table>					LIST I		LIST II		A.	Idea of Social Sciences	I.	Hans-Georg Gadamer	B.	Truth and Method	II.	Peter Winch	C.	Tao of Physics	III.	Alvin Toffler	D.	Future Shock	IV.	Fritjof Capra
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C.	Tao of Physics	III.	Alvin Toffler																					
D.	Future Shock	IV.	Fritjof Capra																					
Choose the correct answer from the options given below:																								
1. A-I ,B-II ,C-III ,D-IV																								
2. A-II ,B-III ,C-I ,D-IV																								
3. A-II ,B-I ,C-IV ,D-III																								
4. A-IV ,B-II ,C-III ,D-I																								
A1 : 1																								
A2 : 2																								
A3 : 3																								

A4 : 4

Objective Question

38	995186	Which of the following is not applicable to Post-modernism? 1. Jean-Fancois Lyotard developed the basic ideas about Post-modernism 2. Miniaturization and commercialisation of machines are changing the way in which learning is aquired 3. Scientific knowledge does not represent the totality of knowledge 4. Scientific knowledge has always existed in cooperation with other kind of knowledge A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

39	995191	Which among the following is not true about the relation between theory and research? A. Research helps in validation of theory B. In light of empirical data theory may be revised C. Theory helps in determining the type of data to be collected D. Theory and empirical research are independent of each other Choose the most appropriate answer from the options given below: 1. A and B only 2. B and C only 3. B only 4. D only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

40	995196		4.0	0.00
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The "hermeneutics tradition" in social research believes in

- A. interpretation from the actors' point of view
- B. the objectivity of the social phenomena
- C. taking into account of meanings and value attributed to an action
- D. subjectivity of the social phenomena

Choose the most appropriate answer from the options given below:

- 1. A, B and C only
- 2. A, B and D only
- 3. B,C, and D only
- 4. A,C and D Only

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

41	995201	Who is considered the father of positivism?	4.0	0.00
1. Emile Durkheim 2. August Comte 3. Karl Marx 4. Herbert Simon				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

42	995206	The value of slope coefficient of regression of X on Y is -1.8 and of Y on X is -0.2, then value of correlation coefficient is	4.0	0.00
1. 0.6 2. ± 0.6 3. -0.6 4. 0.36				
A1 : 1				
A2 : 2				
A3 : 3				

		A4 : 4		
Objective Question				
43	995211	Who developed the scale for the measurement of social distance? 1. Thurston 2. Bogardus 3. Likert 4. Pascal A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
44	995216	Heteroskedasticity makes Ordinary Least Square estimators 1. Biased 2. Inefficient 3. Inconsistent 4. BLUE A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
45	995221	The ARIMA forecasting method is developed by 1. Engle and Granger 2. Dickey and Fuller 3. Box and Jenkins 4. Sims and Sargent A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00

Objective Question				
46	995226	In Game theory, which of the following is/are TRUE? A. A Nash Equilibrium is necessarily a Dominant Strategy Equilibrium. B. A Dominant Strategy Equilibrium is also a Nash Equilibrium C. One can not deviate from Nash equilibrium action and gain, if the other person plays Nash equilibrium action. D. Game theory requires at least two players. Choose the most appropriate answer from the options given below: 1. B,C and D only 2. A, B and C only 3. C and D only 4. A and D only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
47	995231	In statistics, frequency is 1. the number of variables 2. the number of occurrence of a variable 3. the number of non-zero variables 4. the number of variables with positive value A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
48	995236	In Statistics, sampling is done 1. to reduce bias in estimates 2. to increase robustness of results 3. for reasons of time and cost efficiency 4. to mis-represent the population A1 : 1	4.0	0.00

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
49	995241	Which of the following is NOT an ethical research practice? 1. Salami Slicing 2. Citation 3. Impartiality 4. Objectivity A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
50	995246	If the number of endogenous variables minus one is greater than the number of excluded variables (endogenous and exogenous), then according to the order condition of identification, a simultaneous equation system will be 1. Exactly Identified 2. Over-identified 3. Under identified 4. Not relevant. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
51	995251		4.0	0.00

Match List I with List II

LIST I		LIST II	
A.	Technology Policy Statement	I.	2003
B.	Scientific Policy Resolution	II.	1983
C.	Science and Technology Policy	III.	1958
D.	Science, Technology and Innovation Policy	IV.	2013

Choose the correct answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-II, B-IV, C-III, D-I
3. A-II, B-III, C-I, D-IV
4. A-III, B-IV, C-II, D-I

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

52 995256

Match List I with List II

LIST I		LIST II	
A.	Conjecture and Refutation	I.	Paul Feyerabend
B.	Normal Science	II.	Thomas Kuhn
C.	Research Programme	III.	Karl Popper
D.	Against Method	IV.	Imre Lakatos

Choose the correct answer from the options given below:

1. A-I, B-III, C-II, D-IV
2. A-III, B-II, C-IV, D-I
3. A-II, B-IV, C-I, D-III
4. A-I, B-IV, C-III, D-II

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

0.00

Objective Question

53 995261

4.0

0.00

		Please arrange the Institutions in ascending order of their year of establishment A. The Survey of India B. Geological Survey of India C. Indian Association for the Cultivation of Science D. Indian Institute of Science Choose the correct answer from the options given below: 1. A,B,C,D 2. B,C,A,D 3. D,A,C,B 4. C,A, B,D A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
54	995266	Please read the following statements: A. India's first pure green hydrogen plant has been commissioned in Assam B. Telangana launched its first space-tech framework in India C. Atal Innovation Mission was started in 2018 D. A panchayat in Sambha district of Jammu & Kashmir has becomes India's first Carbon Neutral Panchayat Choose the correct answer from the options given below: 1. A, B & C 2. A, B & D 3. B, C & D 4. C, D & A A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
55	995271	The concept of "Mathew Effect" was given by 1. Max Weber 2. Robert K. Merton 3. Thomas Kuhn 4. Karl Marx	4.0	0.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

56	995276	Who wrote the History of Hindu Chemistry? 1. J.C. Bose 2. Prafulla Chandra Ray 3. Mahendra Lal Sarkar 4. Meghnad Saha A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

57	995281	Match List I with List II	4.0	0.00																				
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A1 : 1																								
A2 : 2																								
A3 : 3																								
A4 : 4																								

Objective Question

58	995286		4.0	0.00
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		The Bakshali Manuscripts are related to 1. Indian Mathematics 2. Ayurveda 3. Indian Metallurgy 4. Indian Chemistry A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
59	995291	The Government of India is integrating which portal with the "One Nation, One Ration Card" Scheme 1. e-kaam 2. e-shram 3. e-mazdoor 4. e-labour A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
60	995296	Vaccine Research and Development Centre has been launched by which multinational group? 1. Shanghai Cooperation Organisation 2. G-20 3. BRICS 4. SAARC A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
61	995301		4.0	0.00

		Read the following sentences and identify the correct statements: A. The British Government established the first Medical Collage in India in 1896. B. U. N. Brahmachari discovered the earliest method of serum diagnosis of <i>Kala-azar</i>. C. Madhusudan Gupta was the first Indian to have dissected a dead body. D. The Cholera <i>vibra</i> bacteria causing Cholera was discovered by Robert Koch while on a visit to Calcutta (1905). Choose the most appropriate answer from the options given below: 1. A, B & C Only 2. B, C & D Only 3. C, D & A Only 4. A, B & D only A1 : 1 A2 : 2 A3 : 3 A4 : 4		
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Objective Question

62	995306	The amended target of the National Biofuel Policy 2018 for Ethanol blending in petrol up to 20% is the year? 1. 2035 2. 2032 3. 2028 4. 2025 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

63	995311	Ayurveda text, <i>Charak Samhita</i> deals with 1. General medicine 2. Surgery 3. Special treatment of skin diseases 4. Treatment of eyes A1 : 1 A2 : 2	4.0	0.00
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		A3 : 3		
		A4 : 4		

Objective Question

64	995316	Which among the following are the correct statements? A. Ramasar Convention(1971) provides framework to prevent the world wide loss of wetlands. B. Basel Convention(1989) controls the transboundary movements of hazardous waste and their disposal. C. Rio Convention (1992) aims to alleviate poverty, prevent local environmental degradation and protect the integrity of biosphere. D. The Glasgow Climate Pact signed at COP26 required all countries to make transition towards net zero emission by or around 2070. Choose the most appropriate answer from the options given below: 1. A, B & D Only 2. B, C & D Only 3. A, B, & C Only 4. C & D Only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

65	995321	What is the name given to the place where Chandrayan-3 landed on moon? 1. Jawahar Sthal 2. Tiranga point 3. Shiv Shakti Point 4. Jai Bharat Point A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

66	995326	Which of the following can be attributed to Joseph Schumpeter 1. Creative Destruction 2. Monopolies are NOT the natural breeding ground for innovation 3. Perfectly competitive firms are natural innovators 4. Innovation is detrimental to growth	4.0	0.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
67	995331	The concept of 'Tacit Knowledge' implies 1. We know more than what we can explain. 2. We know more than what we can put to use. 3. We know more than what we can absorb. 4. We know more than what we can dream. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
68	995336	"Division of labour is limited by the size of the market"- is associated with 1. Adam Smith 2. Karl Marx 3. Abraham Lincoln 4. Mark Twain A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
69	995341	Frugal Innovations refer to 1. Innovations which are fragile and risky 2. Innovations which cannot be scaled up. 3. Innovations which are inexpensive, simple and functional. 4. Innovations which are cheap. A1 : 1	4.0	0.00

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
70	995346	What is the correct sequence (OLD TO NEW) in terms of the year of publication of the following books? A. CAPITALISM, SOCIALISM AND DEMOCRACY B. THE TACIT DIMENSIONS C. THE THEORY OF THE LEISURE CLASS D. THE IDEA OF JUSTICE 1. A,B,C,D 2. C,A,B,D 3. B,C,A,D 4. B,D,A,C A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
71	995351	Agenda-setting is a key step in 1. Policy making 2. Policy implementation 3. Policy forecasting 4. Policy management A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
72	995356		4.0	0.00

Match List I with List II

LIST I		LIST II	
A.	Perspectives on Technology	I.	Paul Feyerabend
B.	The Theory of Economic Development	II.	Nathan Rosenberg
C.	Farewell to Reason	III.	Joseph Schumpeter
D.	The Age of Reason	IV.	J. Paul Sartre

Choose the correct answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-II, B-III, C-IV, D-I
3. A-II, B-III, C-I, D-IV
4. A-IV, B-II, C-III, D-I

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

73	995361	Total Factor Productivity Growth measures 1. The fraction of economic growth due to growth in capital 2. The fraction of economic growth due to growth in labour 3. The fraction of economic growth due to growth in technology 4. The fraction of economic growth due to growth in land A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

74	995366	The concept of "bounded rationality" was introduced by 1. Kenneth Arrow 2. Paul Samuelson 3. Herbert Simon 4. Daniel Kahneman A1 : 1 A2 : 2 A3 : 3	4.0	0.00
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		A4 : 4		
Objective Question				
75	995371	Bounded rationality in social sciences means 1. Individuals have limited capacity to process information. 2. Individuals have limited capacity to resist superstition. 3. Individuals have limited capacity to arrive at a decision which is fair and inclusive. 4. Individuals have limited capacity to find fault in own actions. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
76	995376	In the context of less developed economies, Technological Capability refers to A. The capacity of industrial firms to select the technology it finds useful. B. The capacity of industrial firms to assimilate the technology it finds useful. C. The capacity of industrial firms to absorb the technology it finds useful. D. The capacity of industrial firms to upgrade the technology it finds useful. E. The capacity of industrial firms to search the technology it finds useful. Choose the most appropriate answer from the options given below: 1. A Only 2. A and B Only 3. A, B, C, D Only 4. A, B, C, D, E Only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
77	995381		4.0	0.00

In Photovoltaic energy technology, faster diffusion was observed among individuals who are

- A. drawn to innovativeness of the technology
- B. more averse to potential risks
- C. desirous of educating others of the benefits of the technology
- D. less averse to its potential risks
- E. more willing to take on financial risks

Choose the most appropriate answer from the options given below:

- 1. A, B, C, D, E Only
- 2. A, C, D, E Only
- 3. A, D, E Only
- 4. C Only

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

78	995386	The Linear model of Invention-Innovation-Diffusion was first comprehensively challenged by 1. Joseph Schumpeter 2. Nathan Rosenberg 3. Pierre Bourdieu 4. Joel Mokyr A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
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Objective Question

79	995391	Bioinformatics is A. a set of computational tools B. at the intersection of biology and information economics C. at the intersection of biotechnology and computer science D. enabling researchers to undertake "mining" of a vast amount of biological data E. enabling researchers to yield far reaching biomolecular insights. Choose the most appropriate answer from the options given below: 1. A, B, C, D, E Only 2. A, B C, E Only 3. A, C, D, E Only 4. C, D, E Only	4.0	0.00
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		A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
80	995396	The First Industrial Revolution was fostered by A. a rapid growth of entrepreneurship B. a favorable change in the institutional structure that govern production of knowledge and goods C. a rise in gentlemanly conduct in business transactions D. a successful combination of theory and practice of scientific knowledge. Choose the most appropriate answer from the options given below: 1. B and C Only 2. B, C, D Only 3. A, B, C, D Only 4. A and D Only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
81	995401	The concept of "Paradigm Shift" was given by 1. Karl R. Popper 2. Thomas Kuhn 3. Christopher Freeman 4. Bruno Latour A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
82	995406		4.0	0.00

		What is not true about the "demographic dividend" in case of India? 1. Higher ratio of working population and low dependency ratio is advantageous to Indian economy. 2. Demographic dividend is an asset if harnessed properly. 3. To harness demographic dividend India needs to emphasise on health care and skill development. 4. In India, this ratio of working age group population to total population will increase to 90.0% by 2026. A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
83	995411	Which is not true about the measurement of bio-diversity? A. Alpha diversity refers to number of species in a single community. B. Beta diversity refers to the degree to which species composition changes along an environmental gradient. C. Gamma diversity refers to the rate at which additional species are encountered as geographical replacements within a habitat type. D. Lambda diversity refers to the total number of various species found in an area. Choose the most appropriate answer from the options given below: 1. A, B and D Only 2. A, C and D Only 3. A, B and C Only 4. B, C and D Only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
84	995416	At which Indus Valley Civilization sites, archeologists have recently discovered a 5000 year old Jewelry making factory? 1. Mehrgarh 2. Rakhigarhi 3. Lothal 4. Dholavira A1 : 1 A2 : 2	4.0	0.00

		A3 : 3		
		A4 : 4		
Objective Question				
85	995421	What is not true about Unnat Bharat Abhiyan 2.0 (UBA 2.0)? 1. It is a flagship programme of the Ministry of Education launched on 25th April 2018. 2. It aims to link the Higher Education Institutions with a set of at least five villages. 3. Higher Educational Institutes can contribute in economic and social development of villages by using their knowledge base. 4. NITI Aayog is the National Coordinating institute for this Scheme A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
86	995426	Who wrote, "Science as a Vocation"? 1. Karl Marx 2. Robert K. Merton 3. Max Weber 4. Adam Smith A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
87	995431	Technological Determinism refers to 1. Technology shaping the society 2. Society shaping the technology 3. Industrialists shaping the technology 4. People shaping the technology A1 : 1 A2 : 2	4.0	0.00

		A3 : 3		
		A4 : 4		
Objective Question				
88	995436	Who is renowned as the Rocket Woman of India? 1. Ritu Karidhal Srivastava 2. Anuradha T.K 3. Nandini Harinath 4. Minal Rohit A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
89	995441	Which is not true about the Indian Scientists in Pre-independent India? 1. J.C Bose was the first Indian Scientist who refused to accept the lower salary in comparison to British Scientists for doing the same work. 2. Meghnad Saha taught at Allahabad University. 3. C V Raman got Nobel Prize while working in Indian Institute of Science, Bangalore 4. P.C.Ray established the Bengal Chemicals and Pharmaceuticals in Calcutta. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
90	995446	Which Indian School of Philosophy mentioned that the atoms(Parmanu) are the ultimate constituents of matter or substance? 1. Nyaya School 2. Vaishesika 3. Uttar Mimansa 4. Samkhya A1 : 1 A2 : 2	4.0	0.00

		A3 : 3		
		A4 : 4		
Objective Question				
91	995451	India's Calendar Reform Committee was constituted to A. make scientific calendar B. make one calendar for one nation C. to combine solar and lunar calculations of day length D. emphasize on lunar calculations Choose the most appropriate answer from the options given below: 1. A,B,C,D Only 2. B,C,D Only 3. C, D Only 4. A, B Only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
92	995456	Governments are often more active in raising health expenditure to check spread of infective diseases than raising health budgets for rare diseases, because A. public harm consequences of the former is higher than the latter type of diseases. B. rare diseases only affect a miniscule of population. C. infective diseases affect a large number of people. D. rare diseases are systemic and don't spread. Choose the most appropriate answer from the options given below: 1. B , C Only 2. A, D Only 3. A, B, C Only 4. A, B, C, D Only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
93	995461		4.0	0.00

		"Hicks neutral", Harrod-neutral" and "Solow-neutral" - are different types of 1. technological changes 2. growth in Carbon footprint patterns 3. developmental trajectories 4. measures of inequality A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
94	995466	The so called "market structure debate" in economics is about 1. which types of market structures promote technological changes 2. which types of market structures promote labour welfare 3. which types of market structures promote capital accumulation 4. which types of market structures promote scientific efficiency. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
95	995471	Unrestricted mechanization will not be in the interest of our country as it severely worsens the rural employment problem." - this statement of the sixth Five Year Plan refers to mechanization of: 1. Cottage industry 2. agriculture 3. fishery 4. High tech industries A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
96	995476		4.0	0.00

		"Yoga for humanity" was the theme of the 1. sixth International Day of Yoga 2. first International Day of Yoga 3. eighth International Day of Yoga 4. tenth International Day of Yoga A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
97	995481	In the last few years, DRDO conducted two successful test flight of VSHORADS. Here the acronym, VSHORADS refers to 1. Very Short-Range Air Defence System 2. Very Short-Range Aerial Defence System 3. Very Short-Range Artillery Defence System 4. Very Short-Range Air Defiance System A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
98	995486	UNCCD stands for 1. United Nations Convention to Combat Disaster 2. United Nations Convention to Combat Desert 3. United Nations Convention to Combat Desertification 4. United Nations Convention to Control Disease A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00
Objective Question				
99	995491		4.0	0.00

		Large Hadron Collider is the 1. largest particle accelerator 2. largest nuclear reactor 3. largest metal collider 4. largest air to air artillery collider A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
100	995496	India's first organic waste-powered EV charging station was installed in 1. Hyderabad 2. Mumbai 3. Bangalore 4. Delhi A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.00