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# **DU PhD in Home Science**

Topic:- PHD\_HS\_T1

1) Projective techniques are research instruments that i. Reveal hidden aspects of personality ii. Provide unstructured and ambiguous stimuli iii. Have high objectivity iv. Used for studying emotions and motivations CODES: [Question ID = 2161] 1. i, ii, iii [Option ID = 8643] 2. i, ii, iv [Option ID = 8644] 3. i, iii, iv [Option ID = 8641] 4. ii, iii, iv [Option ID = 8642] **Correct Answer :-**• i, iii, iv [Option ID = 8641] -----2) Three sources that a scholar researching extent of illiteracy in rural India may use to collect secondary data about the topic i. Books on status of women ii. Interview leaders iii. Gender studies journals iv. Government reports CODES: [Question ID = 2152] 2. i, ii, iv [Option ID = 8607] 3. ii,iii,iv [Option ID = 8606] 4. i, iii, iv [Option ID = 8608] **Correct Answer :-**• i,ii,iii [Option ID = 8605] 3) An increase in alpha, the level of significance, causes [Question ID = 2137] 1. An increase in the probability of the type I error to occur [Option ID = 8545] 2. A decrease in the probability of type I error to occur [Option ID = 8546] 3. No change in any of the type I or type II error [Option ID = 8547] 4. None of these [Option ID = 8548]

**Correct Answer :-**

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• An increase in the probability of the type I error to occur [Option ID = 8545] 4) The chi-square tests can be applied to which of the following problems? i. To determine if there is preferential selection of a telecom network by customers amongst the four widely popular networks in a population. ii. To determine whether a gambler's die is loaded. iii. To determine if students are only making guesses in attempting a 50-question multiple choice test. iv. To determine the best vitamin D supplement amongst the 3 available types by determining the increase in the vitamin D level amongst 60 test pa CODES: [Question ID = 2157] 1. i, ii, iii [Option ID = 8627] 2. i, ii, iv [Option ID = 8625] 4. ii, iii, iv [Option ID = 8626] **Correct Answer :-**• i, ii, iv [Option ID = 8625] 5) Test-retest method is used for ascertaining which property of a research instrument? [Question ID = 2145] 1. Centrality [Option ID = 8580] 2. Modality [Option ID = 8579] 3. Reliability [Option ID = 8578] 4. Variance [Option ID = 8577] **Correct Answer :-**• Variance [Option ID = 8577] 6) . Assertion (A): Increase in the sample size reduces the sampling error. Reasoning (R):The more information you have about the area of study, the more accurate are your results. [Question ID = 2167] 1. Both (A) and (R) are not true [Option ID = 8665] 2. Both (A)and (R) are true [Option ID = 8666] 3. (A) is false but (R) is true. [Option ID = 8668] 4. (A) is true, but (R) is false. [Option ID = 8667] **Correct Answer :-**• Both (A) and (R) are not true [Option ID = 8665] 7) A set of two dependent samples of size 15 each was taken and a t test was performed. What should be the degrees of freedom used for statistica t-test. [Question ID = 2139] 1. 14 and 28 respectively [Option ID = 8553] 2. 15 and 30 respectively [Option ID = 8554] 3. 14 in both cases [Option ID = 8556] 4. 29 in both cases [Option ID = 8555]

**Correct Answer :-**

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• 14 and 28 respectively [Option ID = 8553]	
8) In absence of sampling frame which method of sam	ppling can be used [Question ID = 2138]
1. Non probability [Option ID = 8551]	
2. Stratified [Option ID = 8552]	
3. Probability [Option ID = $8549$ ] 4. Random [Option ID = $8550$ ]	
Correct Answer :-	
• Probability [Option ID = 8549]	
9) Quasi- experimental designs <u>do not</u> involve [Questi	on ID = 2146]
1. Interrupted time series [Option ID = 8584]	
2. Randomization [Option ID = 8581]	
3. Manipulation [Option ID = 8583]	
4. Control Groups [Option ID = 8582]	
Correct Answer :-	
• Randomization [Option ID = 8581]	
<ul> <li>10) Assertion (A): Mann-Whitney U test is the non-par Reasoning (R): Mann-Whitney U test is used when the</li> <li>1. Both (A) and (R) are incorrect. [Option ID = 8658]</li> <li>2. Both (A) and (R) are correct. [Option ID = 8657]</li> <li>3. (A) is incorrect, but (R) is correct [Option ID = 8660]</li> <li>4. (A) is correct, but (R) is incorrect. [Option ID = 8659]</li> </ul>	ametric alternative test to the independent sample t-test. data is ordinal and assumptions of the t-test are not met. [Question ID = 2165]
Correct Answer :-	
• Both (A) and (R) are correct. [Option ID = 8657]	
11) Assertion (A): Analysis of narratives involves Pre Reasoning (R): Coding qualitative data includes labelin	Coding Ig concepts, defining and developing categories based on their properties and dimensions. [Q
1. Both (A) and (R) are incorrect. [Option ID = 8674]	
2. Both (A) and (R) are correct. [Option ID = 8673]	
3. (A) is incorrect, but (R) is correct [Option ID = 8676]	
4. (A) is correct, but (R) is incorrect. [Option $ID = 8675$ ]	
Correct Answer :-	
• Both (A) and (R) are correct. [Option ID = 8673]	
12) Assertion (A): Using multiple sources of data or m Reasoning (R):Triangulation typically involves examin	ultiple approaches to analyse data enhances the credibility of a research study. ng data from interviews, focus groups, written archives, or other sources. [Question ID = 210
1. Both (A) and (R) are incorrect 10 ption 10 = $86621$	



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       Correct Answer :-
       • Both (A) and (R) are correct. [Option ID = 8661]
       13) A researcher asks four groups of 10 children from 3 different villages about reasons they are not allowed to go to school. Each group discusses
       this? [Question ID = 2140]
       1. Focus group discussion [Option ID = 8558]
       2. Structured interviews [Option ID = 8559]
       3. Participant observation [Option ID = 8560]
       4. Experiment [Option ID = 8557]
       Correct Answer :-
       • Experiment [Option ID = 8557]
       14) A researcher measures a variable whose distribution she observes to be normally distributed. On this basis which of the following statements is
       i. The distribution's mean will be greater than its median
       ii. The distribution's mean will be similar to its median
       iii. The distribution's mean will be less than its mode
       iv. The distribution's mean will be similar to its mode
       CODES: [Question ID = 2158]
       1. ii, iii [Option ID = 8631]
       2. i, iv [Option ID = 8629]
       3. i, iv [Option ID = 8632]
       4. ii, iv [Option ID = 8630]
       Correct Answer :-
       • i, iv [Option ID = 8629]
       15) Aspects that may affect the internal validity of a research design are:
       i. History
       ii. Crossing
       iii. Statistical regression
       iv. Maturation
       v. Testing Effects
       CODES: [Question ID = 2164]
       1. i, ii, iii, v [Option ID = 8654]
       2. i, ii, iv, v [Option ID = 8655]
       3. i, iii, iv, v [Option ID = 8656]
       4. ii, iii, iv, v [Option ID = 8653]
       Correct Answer :-
       • ii, iii, iv, v [Option ID = 8653]
       16) A variable which wholly or partially influences the relationship between the independent and dependent variables? [Question ID = 2134]
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1. Confoundi	g variable [Option ID = 8534]
<ol> <li>Consistent</li> <li>Congruent</li> </ol>	variable [Option ID = $8533$ ]
4. Concurren	variable [Option ID = 8536]
Correct Ans	wer :-
Congruent	variable [Option ID = 8533]
17) What i	positivism? [Question ID = 2149]
1. Knowleda	about the nature of our being in the world as revealed through theoretical philosophizing [Option ID = $8594$ ]
2. Knowledge	is grounded in religion [Option ID = 8596]
3. Statistics a	nd statistical analysis [Option ID = 8595]
4. A philosop	ical position on how we go about obtaining knowledge [Option ID = 8593]
Correct Ans	wer :-
<ul> <li>A philosop</li> </ul>	lical position on how we go about obtaining knowledge [Option ID = 8593]
18) What i	the chance of throwing head or tail alternately in 3 successive tossing of a coin? [Question ID = 2147]
1. 1/4 [Optio	ID = 8586]
2. 1/8 [Optio	ID = 8585]
3. 1/2 [Optio	ID = 8587]
4. 1/6 [Optio	ID = 8588]
Correct Ans	wer :-
• 1/8 [Optic	1 ID = 8585]
19) What i	the function of a contingency table, in the context of bivariate analysis? [Question ID = 2143]
1. It lists the	tifferent levels of a value for tests of significance. [Option ID $= 9571$ ]
2. It summar	zes the frequencies of two variables so that they can be compared. [Option ID = $8570$ ]
3. It shows t	e results you would expect to find by chance. [Option ID = 8569]
4. It compare	$_{3}$ the results you might get from various statistical tests [Option ID = 8572]
Correct Ans	wer :-
<ul> <li>It shows t</li> </ul>	e results you would expect to find by chance. [Option ID = 8569]
20) Rating	your experience while eating out at a restaurant is an example of a [Question ID = 2144]
1. Projective	echnique [Option ID = 8574]
2. Likert scal	[Option ID = 8573]
3. Observatio	technique [Option ID = 8575]
4. Sentence	ompletion [Option ID = 8576]
Correct Ans	wer :-
<ul> <li>Likert scal</li> </ul>	[Option ID = 8573]
21) In a no	substitution of 1000, 280 students scored 60 out of 100. What is the relative frequency? [Question $ID = 21481$ ]



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2 28 [Ontion ID = 8589]	192.168.183.10:8195/GameChanger/Reports/PapersetQuestion/Paperset
3 0.028 [Option ID = 8592]	
4. 2.8 [Option ID = 8590]	
Correct Answer :-	
• 28 [Option ID = 8589]	
22) Probability sampling techniques inclu	de:
i. Systematic random sampling	
ii. Quota sampling	
iii. Stratified random sampling	
iv. Cluster sampling	
CODES: [Question ID = 2155]	
1. j. ji, jij [Option ID = 8618]	
2. i, ii, iv [Option ID = $8620$ ]	
3. i, iii, iv [Option ID = 8617]	
4. ii, iii, iv [Option ID = 8619]	
Correct Answer :-	
• i iii iv [Ontion ID = 8617]	
23) The arithmetic mean of a group of 10	0 items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> </ul>	) items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> </ul> Correct Answer :-	D items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> </ul> Correct Answer :- <ul> <li>75 [Option ID = 8565]</li> </ul>	D items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> </ul> Correct Answer :- <ul> <li>75 [Option ID = 8565]</li> </ul> 24) In external validity	0 items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> </ul> Correct Answer :- <ul> <li>75 [Option ID = 8565]</li> </ul> 24) In external validity [Question ID = 2141]	0 items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> </ul> Correct Answer :- <ul> <li>75 [Option ID = 8565]</li> </ul> 24) In external validity [Question ID = 2141] 1. Ovantitative and qualitative methods are to be	0 items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> </ul> Correct Answer :- <ul> <li>75 [Option ID = 8565]</li> </ul> 24) In external validity [Question ID = 2141] 1. Quantitative and qualitative methods are to b 2. There is no deliberate attempt to either correct	D items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge e used. [Option ID = 8562] real or bioblight something. [Option ID = 8561]
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> <li>Correct Answer :- <ul> <li>75 [Option ID = 8565]</li> </ul> </li> <li>24) In external validity <ul> <li>[Question ID = 2141]</li> </ul> </li> <li>1. Quantitative and qualitative methods are to b <ul> <li>2. There is no deliberate attempt to either concers</li> <li>3. The solution to the research problem is known</li> </ul> </li> </ul>	D items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge e used. [Option ID = 8562] cal or highlight something. [Option ID = 8561] n in advance [Option ID = 8564]
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> </ul> <b>Correct Answer :-</b> <ul> <li>75 [Option ID = 8565]</li> </ul> <b>24) In external validity [Question ID = 2141]</b> 1. Quantitative and qualitative methods are to b 2. There is no deliberate attempt to either conce 3. The solution to the research problem is know 4. The conclusions from a research study can be	e used. [Option ID = 8562] eal or highlight something. [Option ID = 8561] n in advance [Option ID = 8563]
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> </ul> <b>Correct Answer :-</b> <ul> <li>75 [Option ID = 8565]</li> </ul> <b>24) In external validity [Question ID = 2141]</b> <ol> <li>Quantitative and qualitative methods are to b</li> <li>There is no deliberate attempt to either conce</li> <li>The solution to the research problem is know</li> <li>The conclusions from a research study can be</li> </ol>	D items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge used. [Option ID = 8562] eal or highlight something. [Option ID = 8561] n in advance [Option ID = 8564] e generalized [Option ID = 8563]
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> <li>Correct Answer :- <ul> <li>75 [Option ID = 8565]</li> </ul> </li> <li>24) In external validity <ul> <li>[Question ID = 2141]</li> </ul> </li> <li>1. Quantitative and qualitative methods are to b <ul> <li>2. There is no deliberate attempt to either concers</li> <li>3. The solution to the research problem is knowe</li> <li>4. The conclusions from a research study can be concert.</li> </ul> </li> </ul>	D items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge e used. [Option ID = 8562] eal or highlight something. [Option ID = 8561] n in advance [Option ID = 8564] e generalized [Option ID = 8563]
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> <li>Correct Answer :- <ul> <li>75 [Option ID = 8565]</li> </ul> </li> <li>24) In external validity <ul> <li>[Question ID = 2141]</li> <li>1. Quantitative and qualitative methods are to be</li> <li>2. There is no deliberate attempt to either concerts</li> <li>3. The conclusions from a research study can be</li> </ul> </li> <li>Correct Answer :- <ul> <li>There is no deliberate attempt to either concerts</li> </ul> </li> </ul>	D items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge e used. [Option ID = 8562] eal or highlight something. [Option ID = 8561] n in advance [Option ID = 8564] e generalized [Option ID = 8563] ceal or highlight something. [Option ID = 8561]
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> <li>Correct Answer :- <ul> <li>75 [Option ID = 8565]</li> </ul> </li> <li>24) In external validity [Question ID = 2141] </li> <li>1. Quantitative and qualitative methods are to be 2. There is no deliberate attempt to either concers  3. The solution to the research problem is knowed. The conclusions from a research study can be  Correct Answer :- <ul> <li>There is no deliberate attempt to either concerse.</li> </ul> </li> <li>25) What type of coding would a multiple</li> </ul>	D items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge and the used. [Option ID = 8562] the used. [Option ID = 8561] the items is 100. What will be the mean of <u>all the items</u> toge are used. [Option ID = 8561] the used. [Option ID = 8564] the generalized [Option ID = 8563] the items are used. [Option ID = 8561] the items are used. [Option ID = 8561] the items are used. [Option ID = 8561] the items are used. [Option ID = 8563] the items are used. [Option ID = 8561] the items are used. [Option ID = 8150] the it
<ul> <li>23) The arithmetic mean of a group of 100</li> <li>1. 80 [Option ID = 8566]</li> <li>2. 100 [Option ID = 8568]</li> <li>3. 75 [Option ID = 8565]</li> <li>4. 125 [Option ID = 8567]</li> <li>Correct Answer :- <ul> <li>75 [Option ID = 8565]</li> </ul> </li> <li>24) In external validity <ul> <li>[Question ID = 2141]</li> <li>1. Quantitative and qualitative methods are to be</li> <li>2. There is no deliberate attempt to either concers.</li> <li>3. The solution to the research problem is knowed. The conclusions from a research study can be</li> </ul> </li> <li>Correct Answer :- <ul> <li>There is no deliberate attempt to either concers.</li> </ul> </li> <li>25) What type of coding would a multiple of coding woul</li></ul>	b) items is 50 and of another group of 150 items is 100. What will be the mean of <u>all the items</u> toge e used. [Option ID = 8562] eal or highlight something. [Option ID = 8561] n in advance [Option ID = 8564] e generalized [Option ID = 8563] teal or highlight something. [Option ID = 8561]

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192.168.183.10:8195/GameChanger/Reports/PapersetQuestion/PapersetQuestion 4. Coding emerging from the data [Option ID = 8600] **Correct Answer :-**• Qualitative coding [Option ID = 8597] 26) The correlation between the mathematics and Science marks of grade 10<sup>th</sup> students is +0.83. What cannot be concluded from this? i. Generally speaking, higher the marks in mathematics, higher are the marks in science. ii. Since a student is better in mathematics, likes science and scores well in it too. iii. A student has to study science well to score good marks in mathematics. iv. The marks in science were 83% of the marks in mathematics. CODES: [Question ID = 2160] 1. i, ii, iii [Option ID = 8638] 2. i, ii, iv [Option ID = 8637] 3. i, iii, iv [Option ID = 8640] 4. ii, iii, iv [Option ID = 8639] **Correct Answer :-**• i, ii, iv [Option ID = 8637] 27) Match the concepts in list A with descriptions in List B List A List B a) Testing a hypothesis i. Bivariate analysis b) Analysis of relationship of two variables ii. Inferential statistics c) Discern hidden emotions iii. Longitudinal studies d) Cohort studies iv. Projective tests v. Deductive reasoning Codes: [Question ID = 2175] 1. (a)iii (b)i (c)v (d)iv [Option ID = 8697] 2. (a)iv (b)i (c)ii (d)v [Option ID = 8699] 3. (a)ii (b)i (c)iv (d)iii [Option ID = 8700] 4. (a)ii (b)i (c)iii (d)iv [Option ID = 8698] **Correct Answer :-**• (a)iii (b)i (c)v (d)iv [Option ID = 8697] 28) Match the concepts in list A with descriptions in List B List A List B a) In-depth analysis of a person, group, or phenomenon i. Laboratory experiment b) Research conducted under highly controlled conditions ii. Case Study



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c) Studies carried out in the course of an activity

d) Research conducted for many years

iii. Action research iv. Longitudinal studies

v. Historical research

#### Codes:

[Question ID = 2174]

1. (a)iii (b)i (c)v (d)iv [Option ID = 8693]

- 2. (a)iv (b)i (c)ii (d)v [Option ID = 8695]
- 3. (a) II (b) I (c) V (d) III [Option ID = 8696]
- 4. (a)ii (b)i (c)iii (d)iv [Option ID = 8694]

**Correct Answer :-**

• (a)iii (b)i (c)v (d)iv [Option ID = 8693]

29) Match the statistical tests in List A to their features in List B

 List A
 List B

 a) Sign test
 i. Comparing two large random samples

 b) Pie Chart
 ii. Data in frequencies

 c) Chi square
 iii. Difference between two dependent groups when data in ordinal scale of measurement

 d) Pearsons r
 iv. Association between two variables

 v. Nominal category data

Codes:

[Question ID = 2172]

1. (a)iii (b)ii (c)iv (d)v [Option ID = 8687] 2. (a)i (b)ii (c)iv (d)iii [Option ID = 8688] 3. (a)iii (b)v (c)ii (d)iv [Option ID = 8685] 4. (a)ii (b)i (c)iv (d)v [Option ID = 8686]

#### **Correct Answer :-**

• (a)iii (b)v (c)ii (d)iv [Option ID = 8685]		
30) Match the items given in list A wit	h the appropriate scale of measurement in list B	
List A	List B	
a) Weight (Kg) b) Breeds of Dogs c) Temperature in °C d) Customer feedback on quality of ser	i. Interval scale ii. Ratio Scale iii. Ordinal scale rvice (Excellent to poor) iv. Nominal scale v. Categorical scale	

Codes:

[Question ID = 2173]

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1. (a)ii (b)iv (c)iii (d)i [Option ID = 8690] 2. (a)ii (b)iv (c)i (d)iii [Option ID = 8692] 3. (a)iv (b)ii (c)i (d)iii [Option ID = 8689] 4. (a)iv (b)i (c)ii (d)iii [Option ID = 8691]	
Correct Answer :- • (a)iv (b)ii (c)i (d)iii [Option ID = 8689]	
31) Match the items given in list A with the items in list B	
List A Lis a. Analysis of the principles or procedure of inquiry b. A section or table of subsidiary matter at the end of a document. c. Related research work as fundamental to any study. d. A list of the books and articles referred to in a scholarly work	t B i. Bibliography ii. Review of literature iii. Methodology iv. Appendix
Codes:	
[Question ID = 2176]	
1. (a)ii (b)iv (c)i (d)iii [Option ID = 8702] 2. (a)iii (b)iv (c)ii (d)i [Option ID = 8701] 3. (a)iii (b)iv (c)i (d)ii [Option ID = 8703] 4. (a)ii (b)iii (c)ii (d)i [Option ID = 8704]	
Correct Answer :- • (a)iii (b)iv (c)ii (d)i [Option ID = 8701]	
<ul> <li>32) Match the items given in list A with the items in list B</li> <li>List A</li> <li>a) The middle point in a distribution dividing the group in two equa</li> <li>b) The score that occurs most frequently in a distribution.</li> <li>c) Sum of the numerical values of each and every observation divided</li> </ul>	List B I parts i Positively skewed ii Median ed by
the total number of observations d) Curve stretched towards the right	iii Mean iv Mode
Codes:	regatively skewed
[Question ID = 2171]	
1. (a)ii (b)iv (c)iii (d)i [Option ID = 8684] 2. (a)ii (b)iv (c)i (d)iii [Option ID = 8682] 3. (a)iii (b)ii (c)iv (d)i [Option ID = 8681]	

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36) If someone steps on a bathroom scale 10 times and gets readings 75 Kgs each time, then the weighing scale can be said to have [Question ID =

1. Regularity [Option ID = 8601]

2. Consistency [Option ID = 8603]

3. Validity [Option ID = 8602]

4. Reliability [Option ID = 8604]

**Correct Answer :-**

• Regularity [Option ID = 8601]

37) Operational definitions in a research study:

i. Reduce subjective bias ii. Facilitate measurement iii. Minimize ambiguity iv. Permit inferential statistic use v. May vary from one study to the other

CODES: [Question ID = 2163]

1. i, ii, iii, iv [Option ID = 8652] 2. i, ii, iii, v [Option ID = 8650] 3. i, ii, iv, v [Option ID = 8651] 4. ii, iii, iv, v [Option ID = 8649]

**Correct Answer :-**

• ii, iii, iv, v [Option ID = 8649]

38) Which of the following are comparative scaling techniques?

i. Paired Comparison
ii. Bogardus Social Distance Scale
iii. Constant Sum
iv. Graphic Rating
v. Q Sort
CODES: [Question ID = 2162]
1. i, ii, iii, iv [Option ID = 8646]
2. i, ii, iii, iv [Option ID = 8645]
3. i, iii, iv, v [Option ID = 8647]
4. ii, iii, iv, v [Option ID = 8648]

Correct Answer :-

• i, ii, iii, iv [Option ID = 8645]

39) Assertion (A): Obtaining participants from NGO referrals gives a random sample for any study. Reasoning (R): Most NGO's have participants that represent the universe under study.

[Question ID – 2170]

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		192.168.183.10:8195/GameChanger/Reports/PapersetQuestion/Pap	erse
1. Both (A) and ( 2. Both (A) and ( 3. (A) is incorrec 4. (A) is correct,	) are correct. [Option ID = 8677] ) are incorrect. [Option ID = 8678] but (R) is correct. [Option ID = 8680] ut (R) is incorrect. [Option ID = 8679]		
• Both (A) and	:- R) are correct. [Option ID = 8677]		
40) Assertion Reasoning (R):	A):The statement being tested in a test of sually, the null hypothesis is a statement	statistical significance is called the null hypothesis of 'no effect' or 'no difference'.	
[Question ID =	2168]		
<ol> <li>Both A and R</li> <li>Both A and R</li> <li>Both A and R</li> <li>A is false but I</li> <li>A is true but R</li> </ol>	re true. [Option ID = 8669] re not true. [Option ID = 8670] is true [Option ID = 8672] s false. [Option ID = 8671]		
• Both A and R	:- re true. [Option ID = 8669]		
The variance of There is homogone The means of the median of	several population is not same eneity of variance among populations ree or more population has to be compare wo or more population has to be compare	ed d	
CODES: [Quest	on ID = 2159]		
1. ii , iii [Option ] 2. i , iv [Option ] 3. ii , iv [Option ] 4. i , iii [Option ]	9 = 8635] = 8634] 9 = 8636] = 8633]		
Correct Answe • i , iii [Option I	:- = 8633]		
42) According i. Regressive m ii. Exhaustiven iii. Mutually ex iv. Singular cla	o Kerlinger, the rules guiding categorizati Itiple discourse ss usive & independent sificatory principle	on of raw data are	
in oniguiai dia			

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       Correct Answer :-
       • ii,iii,iv [Option ID = 8613]
       43) A measure that describes the shape of a distribution's tails in relation to its overall shape. [Question ID = 2135]
       1. Variance [Option ID = 8540]
       2. Kurtosis [Option ID = 8539]
       3. Deviation [Option ID = 8537]
       4. Skewness [Option ID = 8538]
       Correct Answer :-
       • Deviation [Option ID = 8537]
       44) In participatory researches the selection of methods and tools is done with the objective of
      i. Strengthening of the dominant groups perspectives
      ii. Participants have an active role in the research process
       iii. Involving marginalized community groups meaningfully
      iv. Continuous cycle of reflection and action
       CODES: [Question ID = 2153]
       1. i,ii, iv [Option ID = 8610]
       2. i, ii, iii [Option ID = 8611]
       3. ii,iii,iv [Option ID = 8609]
       4. i, iii, iv [Option ID = 8612]
      Correct Answer :-
       • ii,iii,iv [Option ID = 8609]
      45) Assume that a chi square test is to be performed on a contingency table with three rows and four columns. How many degrees of freedom shou
       1. 6 [Option ID = 8544]
       2. 9 [Option ID = 8543]
       3. 8 [Option ID = 8542]
       4. 16 [Option ID = 8541]
       Correct Answer :-
       • 16 [Option ID = 8541]
      Topic:- PHD_HS_T2
      1)
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Approximate % age of students whose favourite activity is to chat online.

[Question ID = 13617]

- 1. 18% [Option ID = 24466]
- 2. 50% [Option ID = 24467]
- 3. 66% [Option ID = 24465]
- 4. Cannot find out with the given information. [Option ID = 24468]

#### **Correct Answer :-**

• 66% [Option ID = 24465]

2)



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The above graphical representation is a [Question ID = 13616]

1. Flow Chart [Option ID = 24464]

2. Bar Graph [Option ID = 24461]

3. Pie Chart [Option ID = 24463]

4. Histogram [Option ID = 24462]

### Correct Answer :-

• Bar Graph [Option ID = 24461]

3)



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The above data can be statistically interpreted to infer about the population of all school going children in the above age group using the following s

1. Independent t-test [Option ID = 24474]

- 2. Sign test [Option ID = 24476]
- 3. ANOVA [Option ID = 24473]
- 4. Chi square [Option ID = 24475]

### Correct Answer :-

• ANOVA [Option ID = 24473]

4)



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Which other graphical representation can be used to plot the given data? [Question ID = 13620]

1. Histogram [Option ID = 24478]

2. Frequency polygon [Option ID = 24479]

3. Pie chart [Option ID = 24477]

4. All of the above [Option ID = 24480]

### Correct Answer :-

• Pie chart [Option ID = 24477]

5)



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Which is the activity least preferred by students. [Question ID = 13618]

1. Cannot find out with the given information. [Option ID = 24472]

2. Earn money [Option ID = 24471]

3. School clubs [Option ID = 24470]

4. Visit with friends [Option ID = 24469]

#### **Correct Answer :-**

• Visit with friends [Option ID = 24469]