REV-01 BPY/24/30 2023/12

SET

BA PSYCHOLOGY FIFTH SEMESTER RESEARCH METHODOLOGY & STATISTICS-I BPY-502 [USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Objective

Time: 30 mins.

Full Marks: 70

Marks: 20

Choose the correct answer from the following:

 $1 \times 20 = 20$

- 1. Not true about research
 - a. Based on assumption
 - c. Structured

- b. Systematic process
- d. Directed towards discovery
- 2. Classification of data on the basis of income, production, weight etc is known as
 - a. Geographical Classification
 - c. Qualitative Classification
- b. Quantitative Classification
- d. Continuous Classification
- Which is not the characteristic of research?
 - a. Objective
 - c. Partial

- b. Empirical
- d. Logical analysis
- 4. Research can lead to the development of
 - a. Theories
 - c. Generalization

- b. Principles
- d. All the above
- 5. Which style of referencing is used in psychology and behavioural studies?
 - a. APA

b. MLA

c. Chicago

- d. Oxford
- 6. It is essential for scholars and researchers to review the related literature because
 - a. It provides information about the authors of the various research work.
 - c. Review of related literature is just a step in the process of research.
- b. It reduces the work of researcher, as he/she can duplicate the same work.
- d. It provides idea about the research problem and research methodology.
- 7. Any political Speeches is a
 - a. Primary source of review
- b. Secondary source of review
- c. Tertiary source of review
- d. None of the above
- 8. Basically, how many types of Hypotheses are there?
 - a. 1

c. 3

- d. None of these
-is a possible explanation for a cause and effect of a given situation that can be tested.
 - a. Phenomena

b. Hypothesis

c. Experiment

d. Formula

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10.	10. When samples in a study are selected on the basis of expert choice, the research basically adoptedsampling technique.				
	a. Probability	b	. Non-probability		
	c. Casually		. Technically		
11.	 Point out the range of the following scores belonging to a continuous series: 14, 22, 46, 72 and 85 				
	a. 71		. 17		
	c. 65	d	. 16		
12.	Statistics in research refers to				
	a. Quality information		Numerical facts		
	c. Archived information	a	. All of these		
13.	Literature collected for review includes	L	Diameter C		
	a. Primary and Secondary Sources c. Secondary and Tertiary Sources		Primary and Tertiary Sources None of these		
14	1. Indicate the size of the class interval for the following distribution: 5-8				
• • • •					
	9-12				
	13-16 17-20				
	21-24				
	a. 1	b.	. 2		
	c. 3		4		
15.	Calculate the mode for the following series: 25, 29, 24, 25, 27, 25, 28, 25, 29, 22				
	a. 25	b.	24		
	c. 29	d.	22		
16.	is not affected by the ex				
	a. Mean c. Mode		Median		
			Both mean and mode		
17.	a. Mean	-			
	c. Median		SD AD		
18					
10.	Mode is a verymeasure o				
	c. Representative		Approximate Quick		
19.					
	helps us to compute further s	b	AD AD		
	c. QD		R		
20.	When the distribution is skewed containing	06	our vone outrome course the		
	When the distribution is skewed containing a few very extreme scores, the measure of dispersion used is				
	a. AD	b.	QD		
	c. R	d.	SD		

[Descriptive]

Time: 2 Hr. 30 Mins. Marks: 50

[Answer question no.1 & any four (4) from the rest]

- What are the characteristics of basic research in Psychology? 3+7=10
 Differentiate between Basic and applied research?
- 2. Write in brief: (any one)
 - a) Discuss the significance of literature review in psychological researchb) Discuss the Primary and Secondary source of data.
- 3. What is hypothesis? Discuss its types with some examples by making 2+8=10 the hypothesis.
- 4. What do you understand by Experimental Research? Discuss with some 7+3=10 examples.
- 5. Discuss any two types of most used central tendency in statistics? 4+3+3=10 Compute the mean and median for the following frequency distribution:

	F
CI	
90-94	2
85-89	4
80-84	3
75-79	8
70-74	9
65-69	14
60-64	8
55-59	8
50-54	4
45-49	4
40-44	4

6. When do we use the measure of Average deviation? Calculate Average 2+8=10 Deviation for the following frequency distribution:

CI	F
80-84	5
85-89	5
90-94	4
95-99	Ó
100-104	4
105-109	3
110-114	4
	N = 2-



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 Discuss the utility of the Arithmetic Mean. Calculate Standard Deviation for the following frequency distribution:

CI	F
125-129	1
120-124	5
115-119	7
110-114	6
105-109	9
100-104	9
95-99	6
90-94	4
85-89	1
80-84	1

8. What do you mean by the term Statistics? Enumerate the importance of Statistics in psychological research?

4+6=10

4+6=10

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