

BA PSYCHOLOGY
FIFTH SEMESTER [SPECIAL REPEAT]
RESEARCH METHODOLOGY & STATISTICS-I
BPY – 502

SET
A

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

Time: 30 mins.

(Objective)

Marks: 20

Choose the correct answer from the following:

1 × 20 = 20

- Not true about research
 - Based on assumption
 - Systematic process
 - Structured
 - Directed towards discovery
- Classification of data on the basis of income, production, weight etc is known as
 - Geographical Classification
 - Quantitative Classification
 - Qualitative Classification
 - Continuous Classification
- Which is not the characteristic of research?
 - Objective
 - Empirical
 - Partial
 - Logical analysis
- Research can lead to the development of
 - Theories
 - Principles
 - Generalization
 - All the above
- Which style of referencing is used in psychology and behavioural studies?
 - APA
 - MLA
 - Chicago
 - Oxford
- It is essential for scholars and researchers to review the related literature because
 - It provides information about the authors of the various research work.
 - It reduces the work of researcher, as he/she can duplicate the same work.
 - Review of related literature is just a step in the process of research.
 - It provides idea about the research problem and research methodology.
- Any political Speeches is a
 - Primary source of review
 - Secondary source of review
 - Tertiary source of review
 - None of the above
- Basically, how many types of Hypotheses are there?
 - 1
 - 2
 - 3
 - None of these
-is a possible explanation for a cause and effect of a given situation that can be tested.
 - Phenomena
 - Hypothesis
 - Experiment
 - Formula

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

(Descriptive)

Time : 2 Hr. 30 Mins.

Marks : 50

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

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

CI	F
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 Deviation for the following frequency distribution: 2+8=10

CI	F
80-84	5
85-89	5
90-94	4
95-99	0
100-104	4
105-109	3
110-114	

7. Discuss the utility of the Arithmetic Mean. Calculate Standard Deviation for the following frequency distribution: 4+6=10

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

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