

**BA PSYCHOLOGY  
FIFTH SEMESTER  
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*

1. Not true about research
  - a. Based on assumption
  - b. Systematic process
  - c. Structured
  - d. Directed towards discovery
2. Classification of data on the basis of income, production, weight etc is known as
  - a. Geographical Classification
  - b. Quantitative Classification
  - c. Qualitative Classification
  - d. Continuous Classification
3. Which is not the characteristic of research?
  - a. Objective
  - b. Empirical
  - c. Partial
  - d. Logical analysis
4. Research can lead to the development of
  - a. Theories
  - b. Principles
  - c. Generalization
  - 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.
  - b. It reduces the work of researcher, as he/she can duplicate the same work.
  - c. Review of related literature is just a step in the process of research.
  - 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
  - b. 2
  - c. 3
  - d. None of these
9. ....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







**(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	4

$N = 28$



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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