

**PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**MSc DEGREE EXAMINATION MAY 2019  
(Second Semester)**

**Branch - APPLIED PSYCHOLOGY**

**RESEARCH METHODS**

Time: Three Hours

Maximum: 75 Marks

**SECTION-A (10 Marks!)**

Answer **ALL** questions

**ALL questions carry EQUAL marks (10 x 1 = 10)**

- 1 \_\_\_\_\_ are based on the idea that people will read their own feelings and needs into ambiguous or unstructured material.
  - (i) Questionnaires
  - (ii) Observation
  - (iii) Case Analysis
  - (iv) Projective Techniques
- 2 Reliability and validity questions about trait measures are complex because.
  - (i) People's behaviour tends to vary in changing situations
  - (ii) Behaviour tends to vary according to the impression the individual seek to make
  - (iii) of the social background of the people
  - (iv) (i) and (ii)
- 3 An event or condition which can have different value is called
  - (i) Variable
  - (ii) Control
  - (iii) Dendron
  - (iv) Manipulation
- 4 The extent to which test scores can be used to predict is
  - (i) Concurrent validity
  - (ii) Face Validity
  - (iii) Predictive validity .
  - (iv) Criterion Validity
- 5 The limitation of experimental method is
  - (i) Results are obtained under natural conditions
  - (ii) Results can be verified by repetition
  - (iii) Results are obtained under artificial conditions
  - (iv) Results are scientific
- 6 \_\_\_\_\_ or 'check-up-ability' is an essential part of the experimental method.
  - (i) Control
  - (ii) Replication
  - (iii) Observation
  - (iv) Evaluation
- 7 Researchers need to be cautious of some material, particularly material found online. Why?
  - (i) it has been used before
  - (ii) it is too recent
  - (iii) the quality is known
  - (iv) the authors name often does not appear
- 8 Which of the following is true of the null and alternative hypotheses?
  - (i) exactly one hypothesis must be true
  - (ii) both hypotheses must be true
  - (iii) it is possible for both hypotheses to be true
  - (iv) it is possible for neither hypothesis to be true
- 9 What is the main advantage of producing a written research proposal?
  - (i) helps the institution
  - (ii) helps keep people employed
  - (iii) helps with credibility
  - (iv) informs all interested parties

- 10 Which of the following statements about plagiarism is most accurate?
- (i) It is easy to “copy and paste” from the internet that everyone does it nowadays. If a proper reference is given, where is the harm in that?
  - (ii) It is easy to replicate and modify reviews in nowadays. If a proper reference is given, where is the useful in that?
  - (iii) Any suggestion that we have written what another actually wrote is morally wrong. The whole point of a literature review is to show what we have read and what we thought about it.
  - (iv) Plagiarism is such an awful crime that those found guilty should be obliged to wear a scarlet “P” on their clothing.

**SECTION - B (35 Marks)**

Answer **ALL** Questions

**ALL** Questions Carry **EQUAL** Marks (5x7-35)

- 11 a Discuss about merits and demerits of research methods.  
OR  
b Determine the significance of research ethics.
- 12 a Explain about the probability sampling techniques.  
OR  
b Illustrate about the probability and non-probability sampling techniques.
- 13 a Evaluate different types of quantitative research designs.  
OR  
b State the different types of qualitative research designs.
- 14 a Evaluate meaning and nature of descriptive and case study research designs.  
OR  
b Organize the item evaluation procedure.
- 15 a Illustrate art of writing a research proposal.  
OR  
b Prepare the steps in writing research report.

**SECTION - C (30 Marks)**

Answer any **THREE** Questions

**ALL** Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Construct the process of research.
- 17 Elucidate the various types of variable with the suitable examples.
- 18 Enumerate the different types of research designs used in experimental and semi-experimental research designs.
- 19 Elucidate the meaning and types reliability and validity.
- 20 Develop different types of research reports.

Z-Z-Z

END