PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Fifth Semester)

Branch – 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 What means rejection of hypothesis which should have been accepted?
    (i) Type I error
    (ii) Type II error
    (iii) Significant Error
    (iv) Type C Error

2 Which hypothesis should always be specific hypothesis i.e. it should not state about a certain value?
    (i) Alternative
    (ii) Accepting
    (iii) Null
    (iv) Functional

3 Name the arrangement of conditions for collection and analysis of data in a manner that aims to combine relevance to the research purpose.
    (i) Research Process
    (ii) Research Problem
    (iii) Research Matrix
    (iv) Research Design

4 Which design type deals with the method of selecting items to be observed for the given study?
    (i) Operational design
    (ii) Sampling drsign
    (iii) Observational design
    (iv) Statistical design

5 What refers to the extent to which a test measures what we actually wish to measure?
    (i) Norms
    (ii) Reliability
    (iii) Validity
    (iv) Standardization

6 Which type of scales can have an absolute or true zero of measurement?
    (i) Ratio
    (ii) Nominal
    (iii) Ordinal
    (iv) Interval

7 Which is essentially an intensive investigation of the particular unit under consideration?
    (i) Observation
    (ii) Interview
    (iii) Case study
    (iv) Experiment

8 Which type of interview involve the use of a set of predetermined questions and of highly standardised techniques of recording?
    (i) Unstructured
    (ii) Semi structured
    (iii) Casual structured
    (iv) Structured

9 What refers to the task of drawing inferences from the collected facts after an analytical or experimental study.
    (i) Manipulation
    (ii) Interpretation
    (iii) Significance
    (iv) Classification

10 Name term used for list of books in some way pertinent to the research which has been done.
    (i) Biography
    (ii) Geography
    (iii) Bibliography
    (iv) Typography

SECTION - B (35 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks (5 x 7 = 35)

11 a Narrate the various types of variables.

OR

   b Outline the various types of research.

12 a Explain the meaning and need of a research design.

OR

   b Describe the features of a good research design.

13 a Outline the classification of measurement scales.

OR

   b Explain the meaning and types of validity.

14 a Show the observation method of primary data collection.

OR

   b Summarise the methods of secondary data collection.

15 a Outline the precautions for writing research reports.

OR

   b Describe upon the ethics of doing research.

SECTION - C (30 Marks)
Answer any THREE Questions
ALL Questions Carry EQUAL Marks (3 x 10 = 30)

16 Examine the techniques involved in defining a problem.

17 Elucidate the important concepts related to research design.

18 Enumerate the various types of Probability and non Probability sample designs.

19 Elucidate the interview method of primary data collection.

20 Examine the layout of the research report.

Z-Z-Z   END