

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2024  
(Fourth Semester)

Branch – PSYCHOLOGY

RESEARCH METHODOLOGY

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 What does introspection involve in psychology research?  
(i) Observing and analyzing one's thoughts and feelings.  
(ii) Studying external behaviors in social settings.  
(iii) Exploring unconscious mental processes.  
(iv) Investigating inherited traits and genetics.
- 2 What are criterion variables in psychology research?  
(i) Manipulated variables. (ii) Outcome-predicting or explaining variables.  
(iii) Controlled for validity. (iv) Standard-establishing variables.
- 3 What's randomization in research?  
(i) Selecting participants based on criteria.  
(ii) Allocating participants to groups by characteristics.  
(iii) Assigning participants to conditions by chance.  
(iv) Measuring variables with a standard scale.
- 4 Temporal consistency refers to the \_\_\_\_\_ of a measurement over time.  
(i) reliability (ii) validity  
(iii) accuracy (iv) precision
- 5 The APA format is commonly used for \_\_\_\_\_ in academic writing.  
(i) citing sources (ii) formatting papers  
(iii) conducting experiments (iv) analyzing data

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Highlight the key characteristics of operational research.  
OR  
b Explore the applications of projective tests.
- 7 a Explore the purpose of reviewing literature during research.  
OR  
b Differentiate between the independent and dependent variables.
- 8 a Examine the concept of double blind in a research design.  
OR  
b When will you use Interpretative Phenomenological Approach in research?

Cont...

- 9 a How will you do Quata Sampling Method?  
OR  
b Discuss the use of standardization in the psychological testing scales.
- 10 a Illustrate the title page with an example.  
OR  
b How will you prepare the points to report the limitations of the study?

**SECTION -C (30 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Examine the attributes of quantitative research in the field of Psychology.  
OR  
b Apply research process features in psychology to investigate a specific phenomenon.
- 12 a Examine key considerations when selecting variables.  
OR  
b Explore the various kinds of hypotheses.
- 13 a Explain the necessity of research designs in psychology.  
OR  
b Describe situations in which you would employ a 2 X 2 factorial research design.
- 14 a Explore the steps in developing Thurstone's Attitude scale.  
OR  
b Under what circumstances and for what purposes would you utilize criterion-related validity methods?
- 15 a Explore the contents of the introduction section in a research report.  
OR  
b Analyze the list of contents to include in the appendices of a research report.

Z-Z-Z

END