

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 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 is the focus of applied research methods in relation to real-world problems?  
(i) identifying (ii) solving  
(iii) creating (iv) avoiding
- 2 Mention the role of confounding variable in the relationship between the independent and dependent variables.  
(i) strengthens (ii) weakens  
(iii) disrupts (iv) clarifies
- 3 What is the role of Latin Square experimental design with respect to the effects of extraneous variables.  
(i) control (ii) manipulate  
(iii) ignore (iv) measure
- 4 Fechner's law describes the relationship between the \_\_\_\_\_ and the perceived intensity of a stimulus.  
(i) physical magnitude (ii) psychological threshold  
(iii) sensory adaptation (iv) cognitive processing
- 5 What does appendices in a research report typically include?  
(i) supplementary (ii) essential  
(iii) theoretical (iv) summarized

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a Highlight the key characteristics of correlational research.  
OR  
b Narrate the applications of situational tests.
- 7 a Explain the sources of literature used in psychological research.  
OR  
b Outline on Antecedent variables in psychological research.
- 8 a Analyze the characteristics of a good research design.  
OR  
b Explain case study approach in research.

Cont...

- 9 a How do you differentiate between sample and sampling?  
OR  
b Describe the methods of random selections in sampling.
- 10 a State the purpose of giving declaration certificate?  
OR  
b How will you prepare the points for reporting the conclusions?

**SECTION -C (30 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Examine the attributes of qualitative research in the field of Psychology.  
OR  
b Summarize the primary ethical issues that arise in psychological research.
- 12 a Outline strategies for preventing plagiarism.  
OR  
b Compare and contrast between Predictive and Criterion variables.
- 13 a Justify the need for a research design & state the concepts related to research design.  
OR  
b Summarize the basic principles of quantitative & qualitative research design.
- 14 a Discuss the probability sampling technique.  
OR  
b Outline the types of reliability.
- 15 a Outline the structure of a research report.  
OR  
b Point out how results are presented in a research report.

Z-Z-Z

END