

**Ph. D. (PSYCHOLOGY)
(PHDPC)**

Term-End Examination

June, 2026

**RPC-102 : ADVANCED STATISTICS IN
PSYCHOLOGY**

Time : 3 Hours

Maximum Marks : 100

Note : Answer any *five* question in about
400 words each. Answer at least two
questions from each Section. All questions
carry equal marks.

Section—A

1. Explain canonical correlation and indicate its use in psychological research with example. 20
2. Discuss the major uses of SPSS in psychological research. Explain step by step the analysis of correlational data. 20

[2]

3. Delineate the key assumptions underlying multiple regression analysis and their importance. Highlight the similarities and differences between simple and multiple regression analysis. 20
4. Write short notes on the following in about **200** words each : 10+10
 - (a) Path analysis
 - (b) Discriminant analysis

Section—B

5. Discuss stepwise regression analysis with example. 20
6. Discuss multiple correlation and its applications in psychological studies. 20
7. Discuss in detail the structural equation models. 20
8. Write short notes on the following in about **300** words each : 10+10
 - (a) MANOVA
 - (b) Meta analysis

× × × × ×