Ph. D. IN PSYCHOLOGY (PHDPC)

Term-End Examination

December, 2023

RPC-102 : ADVANCED STATISTICS IN PSYCHOLOGY

Time : 3 Hours   *Maximum Marks : 100*

Note : *(i) Answer any **five** questions in about **600** words each.*

(ii) *Answer at least **two** questions from each Section.*

(iii) *All questions carry equal marks.*

Section–A

1. Explain the concept and assumptions of multivariate analysis.   20

2. Elucidate physiological data analysis.   20

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3. Write short notes on the following in about **300** words each : 10+10

   (a) Statistical package for social sciences

   (b) Canonical correlation

4. Describe the assumptions and application of multiple regression. 20

Section—B

5. Describe and compare MANOVA and MANCOVA. 20

6. Explain the methods of factor analysis. 20

7. Write short notes on the following in about **300** words each : 10+10

   (a) Multiple Correlation

   (b) Structural Equation Modelling

8. Describe the assumptions of Discriminant analysis and explain its application. 20

RPC–102