Ph.D. COURSE WORK EXAMINATION, OCTOBER 2022

Course I—RESEARCH METHODOLOGY

(II–Common to the Stream : Social Sciences, Management, Commerce, Law and Behavioural Sciences)

(2020 Admissions)

Time : Three Hours   Maximum : 50 Marks

Part A

*Answer any **ten** of the following questions.*
Each question carries 4 marks.

1. What is Pragmatic paradigm ?

2. Distinguish between Historical and Exploratory research.

3. What is research problem ? Define the main issues which should receive the attention of the researcher in formulating the research problem.

4. What do you understand by Research Design ? Explain the factors which are affecting Research Design ?

5. Write the importance of hypothesis in research.

6. Briefly discuss the basic measurement of scaling techniques, with suitable examples.

7. What are the essentials of a good questionnaire ? What points should be taken into consideration while selecting the enumerators ?

8. Difference between parametric and non-parametric tests.

9. Write the different steps involved in writing report.

10. Describe the various uses of the 'Chi-square' test.

11. Write a short note on application of MS office in research.

12. Explain the significance of ethics in writing the research report.

(10 × 4 = 40 marks)

Part B

*Answer any **one** of the following questions.*
The question carries 10 marks.

13. What are the steps involved to conduct literature review for research and explain each one briefly.

14. The following data gives the age (X) and Blood Pressure (Y) of 8 persons :

X	:	52	63	45	36	72	65	47	25
Y	:	62	53	51	25	79	43	60	33

Obtain the regression lines of X on Y and Y on X and hence find the expected B.P of a person having 50 years old.

(1 × 10 = 10 marks)