

Reg. No. :

Name :

Ph.D. ENTRANCE EXAMINATION 2023

FACULTY OF SOCIAL SCIENCE

ECONOMICS

Time : 3 Hours

Max. Marks : 100

Instructions :

- 1) Answer **any ten** questions each from Section **A** and Section **B**.
- 2) Each question carries **5** marks.
- 3) No additional Answer sheets will be provided.
- 4) Candidates should clearly indicate the section, Question number in the answer booklet.

Section – A

Research Methodology

- I. Answer any **ten** questions. Each question carries **5** marks.
1. Explain how a representative sample size is determined.
 2. What are the limitations in the use of secondary data in research?
 3. Explain parametric and non-parametric tests.
 4. Discuss random sampling methods. What is sampling interval?
 5. What are the limitations of the use econometrics in research?
 6. What is econometric modelling?
 7. What is plagiarism? How can a researcher minimize it?

8. Discuss how Z test is used for testing hypothesis.
9. What is Chat GPT? How can it be used in research?
10. Assume you are given the task of conducting a sample survey to study fish marketing Issues in a fish landing area. Explain how a sample frame is developed for this?
11. Discuss the use of theories in social science research.
12. Explain regression and correlation.
13. What are the properties and uses of normal distribution?
14. Explain central limit theorem.
15. What are the properties of a good estimator?

(10 × 5 = 50 Marks)

Section – B

Economics

- II. Answer any **ten** questions. Each question carries **5** marks.
1. Evaluate Hecksher-Ohlin theorem.
 2. What is J curve? What is its relevance?
 3. What are the difficulties in the implementation of GST in India?
 4. Explain Knife edged equilibrium.
 5. Explain the concept of industrial reserve army.
 6. What is market failure? Explain its reasons.
 7. What are the causes of inflation in India?
 8. What is inflation targeting?

9. Explain Tobin's q ratio.
10. Evaluate the assumptions of classical economics.
11. Explain Pareto Optimality.
12. What are the applications of elasticity in economic theory?
13. Discuss the causes for the depreciation of Indian rupee?
14. Can increase in GDP be treated as a measure of economic development?
15. What is classical dichotomy and explain Real Balance effect?

(10 × 5 = 50 Marks)
