

24/04/24 F.N



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Reg. No. :

Name :

Third Semester M.A. Degree Examination, February 2024

Behavioural Economics and Data Science

BEDS 532 : EXPERIMENTAL ECONOMICS – METHODS AND APPLICATION

(2020 Admission Onwards)

Time : 3 Hours

Max. Marks : 75

SECTION – A

Explain the following in **one** or **two** sentences. Each question carries 1 mark.

1. Natural Experiments
2. Choice Consistency
3. Experimental Design
4. Observational Data
5. Econometric Analysis
6. Experimental Validation
7. Dummy Variables
8. Experimental Auction
9. Estimator
10. Forecast Error

(10 × 1 = 10 Marks)

P.T.O.



SECTION – B

Answer any **seven** of the following, each not exceeding **400** words. Each question carries **5** marks.

11. Examine the basic steps in experimentation.
12. List out the major purpose of experiments.
13. What are the different types of experimental methods?
14. Explain controlled experiments.
15. Distinguish between ex-ante and ex-post variables.
16. Explain the significance of econometric approach to data analysis.
17. Discuss the link between experiments and internal validity.
18. Write a note on the basic forecasting methods.
19. Give a brief account of type-1 and type-2 errors in hypothesis testing.
20. List out the major advantages of case studies.

(7 × 5 = 35 Marks)

SECTION – C

Answer any **three** questions. Each answer should not exceed **1200** words. Each question carries **10** marks.

21. Examine the subject matter, scope and significance of experimental economics.
22. Examine the role of experiments in scientific research and data analysis.
23. Discuss the framework of internal and external validity of experiments.
24. Why experimental design is important? Substantiate with suitable evidences.
25. Discuss the basic steps and techniques of econometric modeling.

(3 × 10 = 30 Marks)

