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N – 6756

Reg. No. :

Name :

Third Semester M.A. Degree Examination, June 2022

Behavioural Economics and Data Science

BEDS 532 : EXPERIMENTAL ECONOMICS : METHODS AND APPLICATION

(2020 Admission)

Time : 3 Hours

Max. Marks : 75

PART – 1

Define the following in **one or two** sentences. Answer **all** questions.

1. Treatment group
2. Randomization
3. Economic model
4. Hypothesis
5. Observational data
6. Field experiment
7. Transitivity
8. Rationality
9. Vickrey Auction
10. Nash equilibrium.

(10 × 1 = 10 Marks)

P.T.O.

PART – 2

Answer **any seven** questions in not more than **400** words. Each question carries **5** marks.

11. What is meant by experimental research?
12. Differentiate between ex-ante and ex-post method.
13. Describe the limitations of field experiments.
14. Define and discuss internal validity.
15. Explain external validity.
16. Discuss the limitations of economic lab experiments.
17. What do you mean by an Economic theory?
18. What is the role of statistics in experimental economics?
19. Explain risk in economic terminology.
20. Define experimenter effect.

(7 × 5 = 35 Marks)

PART – 3

Answer **any three** questions in not more than **1,200** words. Each question carries **10** marks.

21. Why do we need treatment and control groups in randomized control trials? Elaborate.
22. What is design of experiments? Briefly discuss the steps involved in design of experiments.

23. Discuss the steps involved in setting up a controlled economic experiment in a laboratory.
24. Discuss the major criticisms against Experimental Economics.
25. What is hypothesis testing? Describe the steps involved in hypothesis testing with a suitable example.

(3 × 10 = 30 Marks)
