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Reg. No. : .....

Name : .....

# I Semester M.A. Degree (C.B.C.S.S. – O.B.E. – Reg./Supple./Imp.) Examinations, October 2024, (2023 Admission Onwards) Economics/Applied Economics/Dev.Economics MAACO01C01/MAD CO01C01/MAE CO01C01 : MICRO ECONOMIC THEORY – I

Time : 3 Hours

### Short Answer Questions (Any 5) :

- 1. How do you distinguish between a fair bet and an unfair bet ?
- 2. Illustrate the concept of diseconomies of scope.
- 3. Apprise factors that contribute to the shape of the learning curve in terms of cost reduction.
- 4. Evaluate the impact of the Winner's Curse in competitive bidding situations.
- 5. Describe the kink in the demand curve and connect it to price changes.
- 6. Show why the CES production function is homogeneous of degree one.

Short Essay Questions (Any 3)

- 7. Diagrammatically articulate the different preferences towards risk.
- 8. Explain the portfolio approach to an investor's problem.
- 9. Interpret the concept of the prisoner's dilemma in game theory.
- 10. Reorganize the principal-agent problem and its implications.
- 11. Contrast the role of technical progress in growth accounting.

Max. Marks : 60

(5×3=15)

(3~6-18)

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(3×6=18)

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(3×9=27)

#### Essay Questions (Any 3) :

12. Generalize the Neumann-Morgenstern utility theorem and discuss its implications for decision-making under uncertainty in economics.

- 13. Critically analyze the properties of the Cobb-Douglas production function.
- 14. Deconstruct the concept of a dominant strategy in game theory and discuss its significance in strategic decision-making.
- 15. Specify the implications of asymmetric information in economic transactions and its impact on market outcomes.
- 16. State the connection between the Stackelberg model and the first-mover advantage and evaluate their impact on competitive decision-making in oligopolistic markets.

