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**Q.1. Give short answers of the following: (10x3=30)**

- i. Why is managerial economics important for managers?
- ii. What is meant by multivariate optimization? Give an example.
- iii. What are qualitative forecasts?
- iv. Define income elasticity of demand and describe it for luxuries and necessities.
- v. How do we know if a good is normal, inferior or Giffen?
- vi. Why do we use regression equations in managerial economics?
- vii. What is an isoquant? Describe its slope.
- viii. Why do firms under perfect competition earn normal profit in the long run?
- ix. What impact has advertisement on the demand curves under monopolistic competition?
- x. Differentiate between risk and uncertainty.

**Q.2. Answer the following questions. (3x10=30)**

- a. With the help of demand and supply, describe how is market equilibrium achieved in a free market?
- b. What is Monopoly? Use diagrams to explain your answer.
- c. How can we use the concepts of Net Present Value and Internal Rate of Return in evaluating and deciding which projects can be undertaken?