(AUTONOMOUS)

**MA DEGREE EXAMINATION MAY 2026**

(Fourth Semester)

Branch - **ECONOMICS**

## HEALTH ECONOMICS

Time: Three Hours — Maximum: 75 Marks

### SECTION-A (10 Marks)

Answer **ALL** questions

**ALL** questions carry **EQUAL** marks (10 × 1 = 10)

| Module No. | Question No. | Question | K Level | CO |
|---|---|---|---|---|
| 1 | 1 | Which indicator is used to measure the average number of years a person is expected to live?<br>a) Morbidity Rate b) Life Expectancy<br>c) Mortality Rate d) Fertility Rate | K1 | CO1 |
| | 2 | What does morbidity refer to in healthcare economics?<br>a) The prevalence of diseases in a population<br>b) Death rates in a population<br>c) Birth rates in a country<br>d) The economic cost of healthcare | K2 | CO1 |
| 2 | 3 | Which approach assesses patient preferences in medical decision-making?<br>a) Cost Accounting b) Intensive Margin<br>c) Standard Gamble d) Economic Appraisal | K1 | CO1 |
| | 4 | What is a key principle of the cost-benefit approach?<br>a) Comparing costs with monetary benefits to assess efficiency<br>b) Reducing medical salaries<br>c) Focusing only on hospital revenues<br>d) Increasing patient fees | K2 | CO1 |
| 3 | 5 | Which cost factor can influence healthcare demand significantly?<br>a) Travel costs to healthcare facilities<br>b) Fixed medical salaries<br>c) Government healthcare regulations<br>d) Doctor's experience level | K1 | CO1 |
| | 6 | How do immunization programs influence healthcare demand?<br>a) Reduce the long-term demand for curative healthcare<br>b) Increase hospital admissions<br>c) Have no economic impact<br>d) Make treatment more expensing | K2 | CO1 |
| 4 | 7 | Which curve represents the relationship between hospital output and cost?<br>a) Demand curve b) Cost curve<br>c) Utility curve d) Production possibility curve | K1 | CO1 |
| | 8 | Which sector provides free or subsidized healthcare services?<br>a) Private sector b) Public sector<br>c) Pharmaceutical industry d) Insurance companies | K2 | CO1 |
| 5 | 9 | Which economic concept explains why people buy health insurance?<br>a) Law of Diminishing Returns b) Risk Aversion<br>c) Opportunity Cost d) Demand and Supply | K1 | CO1 |
| | 10 | Who proposed the Theory of Health Insurance emphasizing the welfare gains of insurance?<br>a) Kenneth Arrow b) John Nyman<br>c) Adam Smith d) Paul Samuelson | K2 | CO1 |

**Cont...**

## SECTION - B (35 Marks)

Answer **ALL** questions

**ALL** questions carry **EQUAL** Marks (5 × 7 = 35)

| Module No. | Question No. | Question | K Level | CO |
|---|---|---|---|---|
| 1 | 11.a. | Explain the role of government intervention in health care. | K2 | CO1 |
| | | (OR) | | |
| | 11.b. | Illustrate the production of health varies based on economic factors. | | |
| 2 | 12.a. | What are the measurement of health improvements? | K1 | CO3 |
| | | (OR) | | |
| | 12.b. | Show the principles of cost benefit approach. | | |
| 3 | 13.a. | Identify the role of quality in health care. | K4 | CO3 |
| | | (OR) | | |
| | 13.b. | List out the factors determinants of demand for medical care. | | |
| 4 | 14.a. | Distinguish between hospitals and patients in terms of demand for medical services. | K4 | CO4 |
| | | (OR) | | |
| | 14.b. | Examine the role of physicians as monopolists in healthcare pricing and accessibility. | | |
| 5 | 15.a. | Examine the importance of health insurance in developing countries. | K4 | CO5 |
| | | (OR) | | |
| | 15.b. | Analyze the impact of medical care demand elasticity on health insurance. | | |

## SECTION -C (30 Marks)

Answer **ANY THREE** questions

**ALL** questions carry **EQUAL** Marks (3 × 10 = 30)

| Module No. | Question No. | Question | K Level | CO |
|---|---|---|---|---|
| 1 | 16 | Explain the important aspects of health care economics. | K2 | CO5 |
| 2 | 17 | Summarize the impact of variations in medical practice on healthcare outcomes. | K2 | CO4 |
| 3 | 18 | Assess the effectiveness of universal immunization programs in improving public health. | K5 | CO5 |
| 4 | 19 | Analyze the utility function of a not-for-profit hospital based on the political theory model. | K4 | CO5 |
| 5 | 20 | Examine the significance of economies of scale in the health insurance sector. | K4 | CO5 |

Z-Z-Z END