# 

# Economics 5 Sets

**Grade:** XI **Full Marks:** 100

**Time:** 3:00 Hrs. **Pass Marks:** 40

### SET - I

### **PART A**

1. Critically explain the Robbins definition. [10]
2. Discuss various types of demand [5]

Or

Explain the importance of micro economics. [5]

Answer all questions from Q.3 to Q7 [5×2=10]

1. What is economic growth?
2. Define structural unemployment.
3. What is market economy?
4. List out the determinants of demand?
5. Define land.

### **PART B**

Answer any **four** questions from Q.8 to Q12 [4×5=20]

1. Discuss about the characteristics of developing countries.
2. Why economic development has broader scope than economic growth?
3. Distinguish between absolute poverty and relative poverty.
4. Explain the socio-economic impact of rapid growing population in Nepal.
5. Discuss briefly about the objectives, strategy and priorities of current plan of Nepal.

### **PART C**

Answer any **five** questions from Q.13 to Q18 [5×5=25]

1. Describe about the foreign employment of Nepal.
2. “Remittance is not always good for an economy” justify.
3. Explain the consequences of environmental pollution.
4. What are the problems of agriculture marketing in Nepal?
5. Make an assessment of the prospects of tourism industry in Nepal.
6. Discuss about various means of transport and communication system in Nepal.

### **PART D**

1. Give plural definition of statistics. What are the importances of statistics in economics? [5+5=10]

Answer any **four** questions from Q.20 to Q24 [4\*5=20]

1. Find the Harmonic Mean from the following information

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Marks | 0-100 | 100-200 | 200-300 | 300-400 | 400-500 |
| No. of Students | 2 | 7 | 15 | 10 | 6 |

1. Calculate the Standard Deviation and Variance from the given data below

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Age in years | 20-25 | 25-30 | 30-35 | 35-40 | 40-45 | 45-50 |
| No. of workers | 120 | 170 | 180 | 110 | 70 | 60 |

1. Find D7 and P39 from following data

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Age in years | 20-25 | 25-30 | 30-35 | 35-40 | 40-45 | 45-50 |
| No. of workers | 8 | 15 | 22 | 11 | 9 | 6 |

1. Calculate the value by using four-figure log- table of following

1. Solve the following equations

= 3

### SET - II

### **PART A**

1. Critically explain the Marshallian definition. [10]
2. Explain the concept of scarcity and choice. [5]

Or

Explain the law of supply. [5]

Answer **all** questions from Q.3 to Q7 [5×2=10]

1. Discuss briefly on classical period.
2. Write about micro economics.
3. What are the determinants of supply?
4. Define price and income demand.
5. What are the features of Capital?

### **PART B**

Answer any **four** questions from Q.8 to Q12 [4×5=20]

1. What are the indicators of economic development?
2. Give your remedial measures to mitigate economic inequality.
3. Economic growth is necessary but not sufficient for economic development. Discuss.
4. Discuss about current situation of population in Nepal.
5. Explain the major policies of current plan in Nepal.

### **PART C**

Answer any **five** questions from Q.13 to Q18 [5×5=25]

1. Explain the overview of Nepalese economy.
2. Why the water resource is important in the economic development of Nepal?
3. Describe about the characteristics of Nepalese agriculture.
4. What is cottage and small-scale industries? Explain the problems of cottage and small-scale industries in Nepal.
5. Explain the role of transport in economic development in Nepal.
6. Discuss about present situation of road and air transport in Nepal.

### **PART D**

1. Give singular definition of statistics. What are the limitations of statistics? [5+5=10]

Answer any **four** questions from Q.20 to Q24 [4×5=20]

1. Find the mean marks in economics from the following information

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Marks | 0-20 | 20-40 | 40-60 | 60-80 | 80-100 |
| No. of Students | 1 | 5 | 10 | 6 | 3 |

1. Find the slope and y-intercept of the line 2x + 3y = 15
2. Find D3 and P43 from following data

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Age in years | 20-25 | 25-30 | 30-35 | 35-40 | 40-45 | 45-50 |
| No. of workers | 7 | 13 | 20 | 12 | 10 | 8 |

1. Solve the following equations

3-=18, x – y = 6

1. Solve the following equations by using Cramer’s rule

9y – 5x = 3, x + z – 1, z + 2y = 2

### SET - III

### **PART A**

1. Explain the concept of production possibility curve (PPC). Why does it expand outwards? [7+3=10]
2. Compare the welfare and modern definition. Which one is superior? Why? [5]

Or

Explain the importance of macro economics. [5]

Answer **all** questions from Q.3 to Q7 [5×2=10]

1. Give welfare definition of economics.
2. What is economic development?
3. What is cross demand?
4. Define individual supply curve.
5. What are the features of labour?

### **PART B**

Answer any **four** questions from Q.8 to Q12 [4×5=20]

1. What is capital formation? Explain the process of capital formation.
2. Suggest different measures for poverty alleviation in Nepal.
3. Highlight the role of human resource in the economic development of a nation.
4. What is planning? Why is it necessary in development process?
5. Explain the causes of unemployment.

### **PART C**

Answer any **five** questions from Q.13 to Q18 [5×5=25]

1. What is the importance of foreign employment in the context of Nepal?
2. What are the problems of water resources development in Nepal?
3. What are the sources of agriculture finance in Nepal?
4. Discuss in detail about the importance of cottage and small-scale industries in Nepal.
5. Explain the role of communication in economic development in Nepal.
6. Describe the problems that Nepal’s tourism industry facing now.

### **PART D**

1. What is data collection? Explain its prerequisites. [3+7=10]

Answer any **four** questions from Q.20 to Q24 [4×5=20]

1. In the frequency distribution of 100 workers, the number of employees corresponding to wage groups 200-400 and 600-800 are missing from the table. The median is known to be 550. Find the missing frequencies.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Wages Rs | 0-200 | 200-400 | 400-600 | 600-800 | 800-1000 |
| No. of workers | 14 | ? | 27 | ? | 15 |

1. Find the mean deviation from mode and its coefficient

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| X | 10 | 15 | 20 | 25 | 30 |
| F | 2 | 4 | 6 | 8 | 5 |

1. Calculate the price index number by using Laspeyre’s method from the following:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Commodities** | **Base Year** | | **Current year** | |
| **Price** | **Quantity** | **Price** | **Quantity** |
| Rice | 20 | 8 | 40 | 6 |
| Wheat | 50 | 10 | 60 | 5 |
| Maize | 40 | 14 | 50 | 16 |
| Millet | 20 | 19 | 20 | 18 |

1. Solve the following equations:

2x + 3y - 4z = -1, 3x -2y + 2z = 14, - 10x + 8y + z = 6

1. Find the equation of straight line whose slope is 3 times and y-intercept is double of the line

2x – 3y = 4.

### SET - IV

### **PART A**

1. Explain and illustrate the law of demand. What is its exception? [5+5=10]
2. Distinguish between positive and normative economics. [5]

Or

Why demand curve slopes downward? [5]

Answer **all** questions from Q.3 to Q7 [5\*2=10]

1. Define frictional unemployment.
2. Discuss briefly on modern period.
3. What are the reasons behind downward slopping demand curve?
4. What are the exceptions of law of supply?
5. Define Joint Stock Company?

### **PART B**

Answer any **four** questions from Q.8 to Q12 [4×5=20]

1. What do you meant by unemployment? Explain the types of unemployment.
2. What are the measure causes of poverty in Nepal?
3. Discuss about economic development as traditional view and modern view.
4. Explain some major indicators of qualitative human resource development.
5. Explain the process of plan formulation.

### **PART C**

Answer any **five** questions from Q.13 to Q18 [5×5=25]

1. Compare the major economic indicators of Nepal with SAARC.
2. What are the major minerals in Nepal? Assess the problems of mineral resource development in Nepal.
3. Explain the problems of Nepalese agriculture.
4. Explain the importance of tourism industry in the context of Nepal.
5. Explain the problem of communication in economic development in Nepal.
6. Give some remedies against problems of agriculture marketing in Nepal.

### **PART D**

1. What are the primary data? Discuss various methods of collecting primary data [5+5=10]

Answer any **four** questions from Q.20 to Q24 [4×5=20]

1. Find the geometric mean from the following data

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Marks | 5-15 | 15-25 | 25-35 | 35-45 | 45-55 |
| No. of students | 12 | 15 | 18 | 7 | 3 |

1. Find the quartile deviation and the coefficient of QD from the following data

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Income Rs | 0-15 | 15-30 | 30-45 | 45-60 | 60-75 | 75-90 | 90-105 |
| No. of household | 10 | 30 | 40 | 55 | 25 | 20 | 10 |

1. Find the equation of straight line passing through the point (5,6) and having equal intercept on the axes in magnitude but opposite in sign.
2. Solve the given quadratic equation

= 2

1. Find the value of “x”

= 0

### SET - V

### **PART A**

1. Distinguish between shift and movement (change) in supply curve. Explain the shift factors of supply curve. [5+5=10]
2. Write short note on allocation of resources. [5]

Or

Derive market demand curve [5]

Answer **all** questions from Q.3 to Q7 [5×2=10]

1. Write about macro economics.
2. What is the subject matter of economics?
3. Discuss about the basic problem of allocation of resources.
4. Explain, how equilibrium price and quantity are determined in a market economy?
5. Define Gross Domestic Product (GDP) and Domestic National (GNP)

### **PART B**

Answer any **four** questions from Q.8 to Q12 [4×5=20]

1. Differentiate between economic growth and economic development.
2. What are the causes of inequality in Nepal?
3. What could be the consequences of unemployment?
4. What is poverty? Explain the main characteristics of urban and rural poor in Nepal.
5. Give some major indicators of human development.

### **PART C**

Answer any **five** questions from Q.13 to Q18 [5×5=25]

1. Discuss the major economic indicators of Nepal.
2. Explain the causes of rapid deforestation in Nepal.
3. “Agriculture is the backbone of Nepalese economy” discuss.
4. What are the major problems of large scale industry in Nepal?
5. Explain the problem of transport in economic development in Nepal.
6. Explain the consequences of deforestation in Nepal.

### **PART D**

1. Distinguish between probability and non-probability sampling? Discuss about the methods of non-probability sampling. [5+5=10]

Answer any **four** questions from Q.20 to Q24 [4×5=20]

1. The marks obtained by 50 students in statistics are given as follow

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Marks | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 |
| No. of students | 3 | 12 | 15 | 10 | 5 | 3 | 1 | 1 |

Find the arithmetic mean.

1. Calculate mean deviation from median of the following data

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Class | 50-100 | 100-150 | 1500-200 | 200-250 | 250-300 | 300-350 |
| Frequency | 3 | 12 | 15 | 10 | 5 | 3 |

1. Construct the index number of prices from the following data by using Paasche’s method

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Commodities** | **Base Year** | | **Current year** | |
| **Price** | **Quantity** | **Price** | **Quantity** |
| A | 2 | 8 | 4 | 6 |
| B | 5 | 10 | 7 | 5 |
| C | 4 | 14 | 5 | 16 |
| D | 2 | 19 | 2 | 16 |

1. Calculate the value by using four-figure log- table of following

1. Find the equilibrium price and quantity if demand and supply functions are:

P = and P =