

Set 1
Group A

1. Explain law of demand. Also explain its expectations. 10
2. Differentiate between positive and normative economics. 5

Or

Write short note on allocation of resources.

Give very short answers to the following questions: 5x2=10

3. Write any four features of wealth definition.
4. What is microeconomics?
5. Write any four features of capital.
6. What is meant by complement goods.
7. Differentiate between demand and desire.

Group B

Answer any four questions: 4x5=20

8. Describe any five characteristics of developing countries.
9. What is capital formation? Describe the process of capital formation.
10. Describe the process of plan formulation in Nepal.
11. What is unemployment? Describe any four types of unemployment.
12. Explain the role of human resources in economic development of Nepal.

Group C

Answer any five questions: 5x5=25

13. Explain any five importance of water resource in the economic development of Nepal.
14. What are the major economic indicator of Nepal. Explain.
15. What are the main causes of rapid deforestation in Nepal?
16. What are the major problems of mineral resource development in Nepal?
17. Describe about the consequences of environmental pollution.
18. Describe the importance of cottage and small scale industry

Group D

19. Define statistics in Singular & plural sense. 10

Solve any four questions. (4x5=20)

20. Calculate the standard deviation from the given data.

Marks	10-20	20-30	30-40	40-50	50-60	60-70
No. of	5	10	12	15	7	3

students						
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21. Compute laspeyre's index from the given data.

Commodity	Base year		Current year	
	Price	Quantity	Price	quantity
A	6	50	10	56
B	2	100	2	120
C	4	60	6	60
D	10	30	12	24
E	8	40	12	36

22. Solve the following simultaneous equation using matrix method.

$$2x + 3y = 13$$

$$8x + 5y = 31$$

23. Find the equation of the straight line passing through the point (-1 , 3) and with ratio of x-intercept to y-intercept is 2:3.

24. Find the value of X using log table.

$$X = \frac{45 \times \sqrt{56}}{4}$$

Set 2

Group A

1. Explain law of supply. Also explain its expectations. 10
2. Differentiate between micro and macroeconomics. 5

Or

Write short note on scarcity and choice.

Give very short answers to the following questions: 5x2=10

3. Write any four features of scarcity definition.
4. What is macroeconomics?
5. Write any four features of labour.
6. What is meant by supplementary goods.
7. What do you mean by demand function?

Group B

Answer any four questions: 4x5=20

8. Describe any five characteristics of poor.
9. What is capital formation? Describe the process of capital formation.
10. Describe the indicators of human development.
11. Enlist the priorities of current plan of Nepal.
12. Differentiate between absolute and relative poverty.

Group C

Answer any five questions: 5x5=25

13. Explain any five potentialities of water resource in Nepal.
14. Explain the problems faced by transportation and communication for its development in Nepal.
15. Explain the importance of agriculture in Nepalese economy?
16. What are the importance of mineral resource in Nepal?
17. Describe about the consequences of environmental pollution.
18. Describe the importance of medium and large scale industry in Nepal.

Group D

19. Define primary data. Explain various method of primary data collection. 10

Solve any four questions. (4x5=20)

20. Calculate the quartile deviation from the given data.

Marks	10-20	20-30	30-40	40-50	50-60	60-70
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No. of students	20	50	100	70	30	10
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21. Compute Paasche's index number from the given data.

Commodity	Base year		Current year	
	Price	Quantity	Price	quantity
A	6	50	10	56
B	2	100	2	120
C	4	60	6	60
D	10	30	12	24
E	8	40	12	36

22. Prove that:

$$\begin{vmatrix} 1 & b - c & c + b \\ a + c & b & c - a \\ a - b & b + a & c \end{vmatrix} = (a + b + c) (a^2 + b^2 + c^2)$$

23. Find the equation of the straight line passing through the point (5,6) and has intercepts on the axes equal in magnitude but opposite sign.

24. Find the value of X using log table.

$$X = \frac{38.54 \times \sqrt[3]{0.03577}}{\sqrt{0.5164} \times 431.2}$$

Set 3

Model question

Group A

1. Explain the law of demand with diagram. What are its exceptions? (5+5)
2. Distinguish between microeconomics and macroeconomics. 5

Or

Write short note on allocation of resources.

Write short answer of all questions: (5×2=10)

3. What is meant by positive economics?
4. What is meant by capital?
5. What is opportunity cost?
6. What is inferior goods?
7. What is meant by supply?

Group B

Answer any four questions: (4×5=20)

8. What are the characteristics of developing countries?
9. What is meant by absolute and relative poverty?
10. Explain the Human Development Indicators.
11. Describe the process of plan formulation in Nepal.
12. Explain the capital formation process.

Group C

Answer any five questions: (5×5=25)

13. Explain the consequences of deforestation in Nepal.
14. Explain the roles of mineral resources development in Nepal.
15. Discuss the problems of agricultural marketing in Nepal.
16. Explain the role of tourism industry in economic development of Nepal.
17. Explain the role of transportation in economic development.
18. Explain the consequences of environmental pollution in Nepal.

Group D

19. What is statistics? What is its importance in economics? 4+6

Solve any four questions: (4×5=20)

20. Find the standard deviation from the following data.

Marks	0-10	10-20	20-30	30-40	40-50	50-60
No. of students	4	10	20	18	12	6

21. From the data given below find Laspeyre's and Paasche's price index numbers.

Commodities	Year 2014		Year 2015	
	Price per unit in rupees	Quantity	Price per unit in rupees	Quantity
A	12	50	15	90
B	15	75	20	70
C	18	60	20	65
D	20	20	30	80
E	25	10	24	25

22. Evaluate by using Log Table: $\sqrt{\frac{29.26 \times 1.414^2}{0.022 \times 365}}$

23. Find the equation of the line passing through the point (3, 2) and making intercept on X-axis twice as long as that on the Y-axis.

24. Solve by using Cramer's Rule:

$$x + y + z = 8$$

$$x - y + 2z = 6$$

$$3x + 5y - 7z = 14$$

Set 4

Model question

Group A

1. Critically explain the scarcity definition of Economics. 10
2. What is production possibility curve? 5

Or

Distinguish between movement along and shift in demand curve.5

Write short answer of all questions: (5×2=10)

3. What is meant by micro economics?
4. What do you mean by labour.
5. What is opportunity cost?
6. Mention any four determinant of supply.
7. What is meant by demand?

Group B

Answer any four questions: (4×5=20)

8. Explain the types of unemployment?
9. What are the causes of poverty in Nepal? Discuss.
10. Explain the remedial measures to control the rapid population growth rate in Nepal?
11. Enlist the priorities of the current plan.
12. Explain the capital formation process.

Group C

Answer any five questions: (5×5=25)

13. Discuss the current situation of remittance of Nepal.
14. Explain the causes of deforestation in Nepal.
15. Discuss the characteristics of agriculture in Nepal.
16. Discuss the importance of cottage and small scale industries in Nepal.
17. Explain the role of transportation in economic development.
18. Explain the importance of water resources for economic development of Nepal.

Group D

19. Discuss primary and secondary data. Describe the methods of primary data collection.
3+7

Solve any four questions:

(4×5=20)

20. Find the standard deviation from the following data.

Income	0-20	20-40	40-60	60-80	80-100	100-120
Families	6	7	8	9	12	8

21. From the following data calculate price index number.

Commodities	A	B	C	D	E
Price in 2072 (Rs.)	172	520	425	215	312
Price in 2073 (Rs.)	195	565	387	230	300

22. Solve the following equations: $\frac{x+y}{2} = \frac{3x-5y}{4}$, $\frac{x-3y}{2} = \frac{x-1}{3}$

23. Solve the quadratic equation by graphing method: $y = x^2 - 5x + 6$.

24. Let $A = \begin{bmatrix} 5 & 7 & 9 \\ -3 & 2 & 4 \\ 6 & -8 & 10 \end{bmatrix}$, Find adjoint of Matrix A.

Set 5

Times International College

Charkhal, Kathmandu

Model Questions 2073

Time : 3 Hrs

Class: - XI

F.M.: 100

Sub : -Economics

Set A

P.M: 35

Attempt all Questions.

Part A

Q.No 1. What is the Robbins' definition of economics? Why it is superior to marshal's definition? 7+3

Q.No 2. Explain Law of demand with the help of schedule and diagram. 5

Or

What is micro economics? What are its importance? 5

Q.No 3 Answer all the questions 2×5=10

- a) Write any four features of Wealth definition of economics.
- b) Define Public goods with any two suitable examples.
- c) What are the assumptions of PPC ?
- d) Point out any four features of Labor.
- e) Mention any four exception of Law of supply.

Part B

Q.No 4. Answer any four questions 4×5=20

- a) Define economic development. Explain the indicators of economic development.
- b) What are the remedial measures of poverty? Explain.
- c) What is the current situation of Population of Nepal?
- d) Explain the Process of Plan formulation in Nepal.
- e) Define and explain the capital formation process.

Part C

Q.No 5 Answer any five questions

5×5=25

- a) Define is environment? What are the causes of environmental pollution?
- b) What are the problems of agriculture development in Nepal?
- c) Explain the Importance of Medium and large scale industries.
- d) What are the major economic indicators of Nepalese economy? Explain.
- e) Explain the major consequences of deforestation in Nepal.
- f) What is the role of transportation and communication in economic development of Nepal?

Part D

Q.NO 6. Define statistics. Explain the importance of statistics in economics.

4+6

Q.No 7. Answer any Four Questions

4×5=20

- a)) Find the mean from the following data

Marks	0-10	0-20	0-30	0-40	0-50	0-60	0-70	0-80
No. of students	12	18	30	50	60	75	85	100

b) Calculate Standard deviation from the following data

Profits in Crore	0-10	10-20	20-30	30-40	40-50	50-60
No.of company	8	12	20	30	20	10

c) Evaluate the following using log table

$$\frac{28.72 \times \sqrt[3]{0.004217}}{(59.89)^4}$$

d) Solve the following equations using Matrix Method.

$$2x + 3y = 13 \dots\dots\dots (i)$$

$$8x + 5y = 31 \dots\dots\dots (ii)$$

e) Find the equation of the straight line passing through the point (2, 4) with x- intercept three times the y-intercept.

Best of Luck

Set 6

Times International College

Charkhal, Kathmandu

Model Questions 2073

Time : 3 Hrs

Class: - XI

F.M.: 100

Sub : -Economics

Set B

P.M: 35

Attempt all Questions.

Part A

Q.No 1. Explain the concept of PPC with the help of table and diagram. Why it shifts rightward?

7+3

Q.No 2. Explain the shift in supply curve. Point out its causes

5

Or

What are the features of Marshal's definition of economics?

5

Q.No 3 Answer all the questions

2×5=10

- a) Write any two differences between normative and positive economics.
- b) Define Substitute goods with any two suitable examples.
- c) What is allocation of resources?
- d) Point out any four features of Joint Stock Company.

e) Mention any four importances of macro economics.

Part B

Q.No 4. Answer any four questions

4×5=20

- a) Define economic development. Explain the characteristics of developing countries.
- b) What is absolute poverty? What are causes of poverty? Explain.
- c) Explain the indicators of human resource development.
- d) What is development planning? What are the goal, strategy and priority of current plan?
- e) Define unemployment and explain its types.

Part C

Q.No 5 Answer any five questions

5×5=25

- a) Define natural resources? What are the importances of mineral resources?
- b) What are the characteristics of agriculture marketing in Nepal?
- c) Explain the Importance of tourism industry in Nepal.
- d) What are the benefits of foreign employment and remittance in Nepalese economy?
- e) Explain the causes of deforestation in Nepal.
- f) What are the problems of development of transportation and communication in Nepal?

Part D

Q.NO 6. Define statistics in singular and plural sense? Explain the importance of statistics.

4+6

Q.No 7. Answer any Four Questions

4×5=20

a) Calculate median and 3rd quartile from the following data

5

Marks	10-20	20-30	30-40	40-50	50-60	60-70
No. of student.	3	6	11	5	2	3

b) Calculate Standard deviation and Coefficient of Standard deviation from the following data

Salary in '000	0-20	20-40	40-60	60-80	80-100
No of workers	20	10	8	5	2

c) Solve and sketch the following quadratic equation in graph.

$$X^2 + 5x + 6 = 0$$

d) Evaluate the determinants of following.

$$\begin{vmatrix} 2 & 1 & 3 \\ 1 & 3 & 4 \\ 3 & 2 & 1 \end{vmatrix}$$

e) Find the equation of the straight line whose intercepts on the x-axis and y-axis are respectively twice and thrice of the line $10x+9y=15$.

Best of Luck

Set 7

full marks: 100

Pass marks: 40

Economics XI

Attempt all questions.

Set 1

Part A

1. Critically explains Robbins definition of economics. (10)
2. Explain the concept of scarcity and choice. (5) Or
What are the determinants of demand? (5)
3. Answer all questions. (5X2=10)
 - a. What is macroeconomics?
 - b. Point out any four features of labour.
 - c. Define production possibility curve (PPC).
 - d. State law of supply.
 - e. What is shift in demand curve?

Part B

4. Answer any four questions. (4x5=20)
 - a. What are the characteristics of underdeveloped countries?
 - b. Explain the features of poverty.
 - c. Explain the process of plan formulation.
 - d. Define Human Development Index (HDI).
 - e. Describe the process of capital formation?

Part C

5. Answer any five questions. (5x5=25)
 - a. Describe the major economic indicators of Nepal.
 - b. What is the importance of foreign employment in the context of Nepal?

- c. Explain the nature and source of agricultural finance in Nepal.
- d. Explain the prospects of tourism in Nepal.
- e. Describe the role of transportation and communication in Nepalese economy.
- f. Describe the consequences of environmental pollution.

Part D

6. What is singular definition of statistics? Explain the importance of statistics. (4+6=10)

7. Attempt any four questions. (4x5=20)

a. Find the mean deviation from the following data.

Income(000)	0-10	10-20	20-30	30-40	40-50
families	2	5	3	4	2

b. Find the Geometric mean from the following data.

Wages (000)	10	20	30	40	50
No. of people	3	4	1	2	5

c. Find X and Y from the following equations.

$$28x-15y=37$$

$$21x-13y=19$$

c. $x^3+y^3=91$, $xy(x+y)=84$

d. Find the equilibrium price and quantity from the following demand and supply functions.

$$P=120-2Q_d \text{ and } p=60+3Q_s.$$

e. Draw the graph of the equation: $4x-x^2=0$.

Set 8

full marks: 100

Pass marks: 40

Economics XI

Attempt all questions.

Part A

1. Critically explains Marshall's definition of economics. (10)

2. Write short note of choice. (5) Or

Explain various types of demand. (5)

3. Answer all questions. (5X2=10)

- a. What is positive economics?
- b. Point out any four features of land.
- c. Define normal goods.
- d. State law of demand.
- e. What is shift in supply curve?

Part B

4. Answer any four questions. (4x5=20)

- a. What are the characteristics of underdeveloped countries?
- b. Define vicious circle of poverty.
- c. What is development planning?
- d. What are the indicators of human development?
- e. Explain the concept of economic development.

Part C

5. Answer any five questions. (5x5=25)

- a. Explain the overview of Nepalese economy.
- b. Explain the importance of water resource for the development of Nepal.
- c. Explain the problems of agriculture marketing in Nepal.
- d. Explain the importance of tourism industry in Nepal.
- e. Describe the role of medium and large scale industries in Nepalese economy.
- f. Describe the consequences of deforestation.

Part D

6. What is plural definition of statistics? Explain the limitation of statistics. (4+6=10)

7. Attempt any four questions. (4x5=20)

- a. Find the standard deviation from the following data.

income	0-10	10-20	20-30	30-40	40-50
families	3	5	2	4	7

- b. Find the median from the following data.

marks	0-10	10-20	20-30	30-40	40-50
No. of students	8	6	3	4	5

- c. Find X and Y from the following equations.

$$41x-10y=64$$

$$17x-5y=25$$

- d. $A = \begin{bmatrix} 1 & 3 \\ 1 & 2 \end{bmatrix}$, prove that $A^2 - 3A - I = 0$, where I is 2x2 unit matrix.

- e. Find the equilibrium price and output from the following demand and supply functions.

$$40+2Q_d=p \text{ and } 10+8Q_s=p.$$

Set 9

Full

marks: 100

Pass marks: 40

Economics XI

Attempt all questions.

Part A

1. Critically explains wealth definition of economics. (10)
2. What is meant by allocation of resources? (5) Or
Discuss various types of demand. (5)
3. Answer all questions. (5X2=10)
 - a. What is microeconomics?
 - b. Point out any four features of capital.
 - c. Explain the economic concept of scarcity and choice.
 - d. Define supply.
 - e. What is market equilibrium?

Part B

4. Answer any four questions. (4x5=20)
 - a. Explain the types of unemployment?
 - b. Explain the causes of poverty.
 - c. Write down the objectives of the current plan.
 - d. Explain the concept of economic development.
 - e. Describe the process of capital formation?

Part C

5. Answer any five questions. (5x5=25)
 - a. Explain the overview of Nepalese economy.
 - b. What is the importance of foreign employment in the context of Nepal?
 - c. Explain the causes and consequences of high deforestation in Nepal.
 - d. Discuss the importance of cottage and small scale industry in Nepal.
 - e. Describe the role of transportation and communication in Nepalese economy.
 - f. What is the importance of mineral resources in Nepal?

Part D

6. What are secondary data? Discuss the sources of secondary data. (4+6=10)
7. Attempt any four questions. (4x5=20)
 - a. Find the Geometric and Harmonic mean from the following data.

families	5	6	7	8	9
Income(in000)	1	2	4	3	2

- b. Find the value of X using log table.

$$X = \frac{10 + 12.3 X (5.7)^{1/2}}{12 X (2.12)^2}$$

- c. Find X and Y from the following equations.

$$10x - 15y = 70$$

$$x-3y=12$$

d. Find the equation of straight line that passes through the point (1, 2) making equal intercepts in both axes.

e. Find the equilibrium price and quantity from the following demand and supply functions.

$$P=12-2Q_d \text{ and } p=6+3Q_s.$$

Set 10

full marks: 100

Pass marks: 40

Economics XI

Attempt all questions.

Part A

1. Compare the Marshallian definition of economics with that of Robbins. (10)
2. Write the short note of choice. (5) Or
What is law of supply? (5)
3. Answer all questions. (5X2=10)
 - a. What is normative economics?
 - b. Point out any four features of land.
 - c. Define substitute goods.
 - d. Define complementary goods.
 - e. What is movement along the demand curve?

Part B

4. Answer any four questions. (4x5=20)
 - a. What are the characteristics of underdeveloped countries?
 - B. Distinguishes between the absolute poverty and relative poverty.
 - c. How is plan formulated?
 - d. Define Human Development Index (HDI).
 - e. What are the consequences of unemployment?

Part C

5. Answer any five questions. (5x5=25)
 - a. Describe the major economic indicators of Nepal.

- b. What are the problems in mineral resources in Nepal?
- c. Explain the feature of Nepalese agricultural.
- d. Explain the importance of public enterprises in Nepal.
- e. Describe the problems of transportation and communication in Nepalese economy.
- f. What are the remedial measures of environmental pollution.

Part D

- 6. Explain the various methods of sampling with examples. (10)
- 7. Attempt any four questions. (4x5=20)

- a. Find the mode from the following data.

marks	0-10	10-20	20-30	30-40	40-50	50-60
No of stds	2	3	8	7	5	1

- b. Find the mean from the following data.

Classes	0-10	0-20	0-30	0-40	0-50	0-60
No. of stds.	2	3	5	7	4	3

c. $x^3+y^3=91$, $xy(x+y)=84$

- d. Find the equilibrium price and quantity from the following demand and supply functions.

$P=200-2Q_d$ and $p=80+3Q_s$.

- e. Find the equation of straight line that passes through the point (2,3) and makes x-intercept double than that of its y-intercept.

The end

