



Second Term-2071

Grade: XI

Subject: Economics

F.M.:100

Time: 3:00 hrs.

P.M.:40

Candidates are required to give their answers in their own words as far as practicable. The figure in the margin indicates full marks.

Set A

Group A

1. Explain about the functions and limitations of statistics. [5+5]
2. Answer following questions [2×5 = 10]
 - a. Construct multiple bar diagram to present following data:

Year	Types of road (in KM)		
	Blacktopped	Graveled	Earthen
2012	17,000	12,000	10,000
2013	23,000	13,000	13,000
2014	25,000	16,000	15,000

- b. Calculate suitable average from the following data:

Marks	No. of students
Below 10	10
Below 20	25
Below 30	35
Below 40	42
Below 50	55
Below 60	60
Below 70	67

3. Solve the following Questions (Any two) [2×5=10]
 - i. Find the equation of straight line passing through the points $(h,0)$ and $(0,k)$. If the point $(3,3)$ lies in the same line, prove that: $\frac{1}{h} + \frac{1}{k} = \frac{1}{3}$
 - ii. Find the equilibrium price and output if demand function and supply function are given as $Q_D = \frac{8P}{P-2}$ and $Q_S = P^2$

- iii. Evaluate by using four figure log table:

$$\sqrt{\frac{0.7292 \times 0.863}{(0.2375)^3}}$$

Group B

4. Define national income. Explain the difficulties of national income accounting. [2+8]
5. Write short notes (Any two) [2×5 = 10]
 - a. Micro and macro economics
 - b. Problems of allocation of resources
 - c. Classical definition of economics

Group C

6. Explain the importance and problems of Nepalese agriculture. [5+5]

OR

Define human resource. Explain the importance of human resource for overall development of the nation. [2+8]

7. Answer following questions (any six) [6×5 = 30]
 - i. What are the importances of forest resource for socio economic development of Nepal? Explain.
 - ii. Explain current position of water resource development in Nepal.
 - iii. What are the problems for development of mineral resource in Nepal? Explain.
 - iv. Describe the major causes of environmental pollution in Nepal?
 - v. What are the major sources of agricultural finance in Nepal? Explain.
 - vi. Discuss about consequences of high population growth in Nepal.
 - vii. Explain the features of Nepalese agriculture.
 - viii. Explain the remedial measures to control high deforestation in Nepal.
8. Answer following questions [5×2 = 10]
 - a. State the nature of agricultural marketing in Nepal
 - b. What are the types of environment?
 - c. State current status of population in Nepal.
 - d. Define HDI.
 - e. State importance of mineral resource.



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Set B
Group A

1. Define statistics. Explain about its importance. [4+6]
2. Answer following questions [2×5 = 10]
 - a. Construct suitable bar diagram to present following data:

Year	No. of students in different college			
	College A	College B	College C	Total
2069	180	150	160	490
2070	200	170	200	570
2071	190	180	210	580

- b. Calculate arithmetic mean from following data:

Marks	No. of students
Above 10	70
Above 20	65
Above 30	50
Above 40	43
Above 50	22
Above 60	15
Above 70	5

3. Solve following Questions (Any two) [2×5 = 10]

- i. Find the equation of straight line passing through the points $(a,0)$ and $(0,b)$. If the point $(1,1)$ lies in the same line prove that: $\frac{1}{a} + \frac{1}{b} = 1$

- ii. Find the equilibrium price and output if demand functions and supply functions are given as $Q_D = 20 - 3P - P^2$ and $Q_S = P - 1$

- iii. Evaluate by using four figure log table:

$$\sqrt{\frac{0.8312 \times 0.654}{(0.23514)^3}}$$

Group B

4. Explain the different concepts of national income like GDP, GNP, NNP, NI, PI, DI and PCI. [10]
5. Write short notes (Any two) [2×5 = 10]
 - a. Positive and normative economics
 - b. Scarcity and choice
 - c. Neo classical definition of economics

Group C

6. Explain the characteristics of Nepalese agriculture. [10]

OR

 Explain the causes and consequences of high population growth in Nepal. [5+5]
7. Answer following questions (**any six**) [6×5 = 30]
 - i. What are the importances of water resource for socio economic development of Nepal? Explain.
 - ii. Explain potentiality of water resource in Nepal.
 - iii. Why there is not well development of mineral resource in Nepal? Explain.
 - iv. Describe the major consequences of environmental pollution in Nepal?
 - v. Explain the nature and problems of agricultural marketing in Nepal?
 - vi. Discuss about consequences of high deforestation in Nepal.
 - vii. Explain the roles of Nepalese agriculture.
 - viii. Explain the remedial measures to control high environmental pollution in Nepal.
8. Answer following questions [5×2 = 10]
 - a. Define Environment.
 - b. What are the sources of agricultural credit in Nepal?
 - c. State current status of hydroelectricity in Nepal.
 - d. Define human resource.
 - e. State major indicators of HDI