



Open-Test-2075(Magh)

Class: XI (Management/Humanities/Law)

Economics

1. Compare Marshall's definition with that of Robbins' definition of economics 10
 2. Explain the concept of scarcity and choice. 5
- Or
- What are the determinants of supply.
3. What are the characteristics of underdeveloped countries. 5
 4. Discuss the nature and sources of agricultural finance in Nepal. 5
 5. Distinguish census and sampling. Write about the methods of sampling. 4+6=10

6. Find the Geometric Mean from the following data. 5

Income	450	500	650	690
Families	8	15	14	3

7. Find the value of $\begin{vmatrix} 43 & 1 & 6 \\ 35 & 7 & 4 \\ 17 & 3 & 2 \end{vmatrix}$ 5

English

1. (a) Write present participle and past participle forms of the following verbs. 5
 I) Sing II) Run III) Dig
 (b) Use appropriate suffix or prefix in the following words.
 i) Usual II) Child

2. Rewrite the following sentences filling in the gap with appropriate words: therefore, because, though, in spite of, however, because of 5
 I) He sat in front of the firehe liked its warmth.
 II) His stamp albums were fullhe needs a new one.
 III) He collected space travel stampshis grandson's interest.
 IV) Having collected stamps for so many years, he still enjoys the hobby.
 V) It was getting more expensive to buy stamps, he decided to continue collecting them.
3. Compose a dialogue between two friends about sixteenth hunger strike (Satyagraha) by Dr. Govinda K.C. 5
4. Answer the following questions. 10×2=20
 a. What are the different types of verbal errors? Why do we commit them? Why do we laugh at them?
 b. Interpret the poem "Keeping Thing whole" in your own way.
5. Change the following words as shown in the example: 5
 Somebody's watching us.
 → We are being watched.
 a. Someone's following us.
 b. Some men are pulling down the house.
 c. Another car's overtaking us.
 d. Someone's looking after the children.
 Two policemen are questioning the men.
6. Change the following using being or having. 5
 a. I hate people criticizing my work.
 b. I love people when they praise me.
 c. I adore people who compliment me.
 d. I like people helping me in trouble.
 e. I like my boss sending me abroad.
7. Change the following sentences applying "used to" as the habitual past action. 5
 a. I lived in America as a boy.
 b. I was in love with her.
 c. How did you spend the winter evening?

- d. We had a lot of milk in our homes.
 e. Buses were driven by steam at one time.

Account

1. Differentiate between capital and Revenue profit. 4
 2. Difference between the capital expenditure and Revenue expenditure. 4
 3. The extract of trail balance as on 31st March 2016. 4

Particulars	Debit Rs.	Credit RS.
Debtors	10,000	
Bad Debts	2,000	
Provision for doubtful debts on 1.1.2006		5,600

Make a provision for doubtful debts on @5% on debtors.

Required: Provision for bad and doubtful debt account.

3. On 1st January 2005 a company purchased machinery for Rs. 10,000. It spent Rs. 2000 on the erection. On 1st July, 2005 the company purchased another machinery for Rs. 4,000. On 1st January, 2007 the machinery purchased on 1st January, 2005 was sold for Rs. 4600. The company writes off depreciation at 10% p.a on the reducing balance method. Prepare machinery account for three years ending 31st December 2007. 8
4. XYZ company purchased 3 Pcs computer @50000 each on 1st April 2010. On first January 2011 company purchased other 2 pcs computer @ 40000 each. On 1st October 2012 company has been sold 2 pcs computer which was purchased on 1st April 2010 @ 15000 each and on the same day company purchased other 3 pcs of computer @60000. Depreciation charge @ 10 % P.a. under straight line method. Account are closed on December last of the year. 8
- Required: Computer account for 3 years.
5. The Prabhas Ashram has the following statements an information. 10

Balance Sheet as on Chaitra 31st, 2068

Liabilities	Amount	Assets	Amount
Capital Fund	10,000	Equipment	3,000
		Furniture	5,000
		Subscription Due	1,000
		Cash	1,000
	10,000		10,000

Receipts and Payment Account For the ending Chaitra 31,2069

Receipts	Amount	Payments	Amount
To opening Balance	1,000	By Salaries and Rent	3,000
To Subscription	6,000	By Sundry Expenses	300
To Donation	2,000	By Furniture (on 1-7-2069)	6,000
To Loan(@ 10% on 1-7-2069)	2,000	By balance c/d	2,700
To Sundry receipts	1,000		
	12,000		12,000

Additional Information.

- i. Subscription outstanding Rs. 400.
 ii. Donation is to be capitalized.
 iii. Depreciate furniture @ 10% p.a.

Required

- a) Income and expenditure account.
 b) Balance sheet as on Chaitra 31, 2069

6. Consider the following opening balance sheet and receipt and payment account of a club. 10

Balance Sheet as on Chaitra, 2065

Liabilities	Amount	Assets	Amount
Capital Fund	32,840	Equipment	24,000
Outstanding expenses		Due Subscription	1,360
Repairs	400	Cash Balance	8,600
Salary	720		
	33,960		33,960

Receipts and Payment Account as on 30th Chaitra 2066

Receipts	Amount	Payments	Amount
To Balance b/d	8,600	By Tournament expenses	12,800
To Tournament receipts	12,500	By Salaries	5,520
To Entrance Fees	5,620	By Repairs	2,000
To Subscription:		By Investment@ 10% on 1-7-2066	16,000
For 2065.....	1,200	By honorarium	3,200
For 2066	16,000	By balance c/d	6,400

Receipts	Amount	Payments	Amount
For 2067.....2,000	19,200		
	45,920		45,920

Additional Information

- Expenses unpaid. Repairs Rs. 50 Salary Rs. 150.
- Subscription due for 2066 Rs. 600.
- Entrance fee is to be treated as income.
- Interest on investment is due for the last 6 months.

Required

- Income and expenditure account.
- Balance sheet as on 30 Chaitra 2066.

Travel and Tourism

- Define Travel Agency. Write down the function of travel agency. 10
- What is Altitude sickness and its symptoms? 10
- Write down the operational guidelines to be followed for trekking. 5
- Write down the positive impact of Tourism. 5
- Write down the type of trekking in Nepal. 5
- Write down the importance of tourism in Nepal. 5
- What are the different challenging Rafting Rivers in Nepal? 2
- Write down some of the trekking trail in Nepal. 2
- What are the sources of income of Travel Agencies? 2
- Write down the personal items need to be brought for trekking? 2

Hotel Management

- What do you mean by 4 A`S?.Explain. 5
- Explain the evolution of tourism in the global scenario. 5
- Front office is considered as 'nerve centre' of hotel. Highlight on this topic. 5
- Housekeeping is considered as the backbone of hotel, explain the role of housekeeping in hotel. 5
- What are the various types of kitchen? 5
- Draw a neat registration card and fill up the required information. 5

- What are the various coordinating departments of housekeeping? 5
- What are the various etiquettes of front office personnel? 5
- What steps would you take to enhance the tourism in Nepal? 5
- Explain the job description of executive chef? 5

नेपाली

- तल दिइएको वर्णलाई उच्चारण स्थान र प्राणत्वका आधारमा चिनाउनुहोस् :
क, ज, ध, प, व ५
- शुद्ध गरी पुनर्लेखन गर्नुहोस् : ५
मेरो घर काठमाण्डौं महानगरपालीका अन्तर्गत वडा नं ३४ मा पर्छ । अन्तराष्ट्रिय सम्मेलन केन्द्र यहाँ छ । सम्बिधान सभाका सभासद ज्यूहरूलाई यहाँ मेटन पाइन्छ । नेपालको सबैभन्दा विशाल विमानस्थान पनि यहाँ बाट नजीकै छ ।
- तलको अनुच्छेदका रेखाङ्कन गरिएका पदहरूको शब्दवर्ग पत्ता लगाउनुहोस् ३
आमा र काको कुरा के हो मैले बुझिन र बुझने चासो पनि थिएन । मैले उहाँहरूको कुराबाट यति नै व्युभ्रं कि आमाले बासँग भनेर मलाई घोडा किनि दिन लागाइ छोड्नु हुन्छ ।
- तलको अनुच्छेद बाट दुई-दुई वटा तत्सम र आगन्तुक शब्द खोजी लेख्नुहोस् २
विद्याको सर्तिफिकेट कोठाको बाकसमा हुन्छ । भलादमीको प्रमाण पत्र सधैं उसका शरीर उपर विज्ञापन जाहेरी गर्दछ । पोसाक मात्र पहिला पास हो ।
- तलको अनुच्छेदका वाक्यहरूलाई आवश्यक सुधारसहित सामान्य भूतकालमा परिवर्तन गर्नुहोस् - ५
राम फुटबल खेल्छ । ऊ हतार -हतार खेल मैदानमा जान्छ । ऊ साथीहरूसँग भेट्छ । ऊ अर्को टिमका साथीहरूलाई जित्छ । ऊ मुसक्क हाँसै हार फर्कन्छ ।
- तलका अनुच्छेदका वाक्यलाई एक वचनमा परिवर्तन गर्नुहोस् ५
साना भाइहरू ब्नास गए । उनीहरूले त्यहाँ पाँच वर्ष पढ्नेछन् । त्यसपछि उनीहरू काठमाण्डौं फर्कनेछन् । उनीहरूका साथीहरूले स्वागत गर्नेछन् । उनीहरू दङ्ग पर्नेछन् र फेरि विदेश जाने छैनन् ।
- 'स्वच्छ वातावरण स्वस्थ जीवन' शीर्षकमा अनुच्छेद लेख्नुहोस् ५
- 'वर्तमान समयमा विज्ञानको महत्व' शीर्षकमा ३०० शब्दसम्मको निबन्ध लेख्नुहोस् । १०
- एक हप्तासम्म हावाहुरीका कारण विद्युत आपूर्तिमा कठिनाई हुने जानकारी दिँदै विद्युत प्राधिकरणका तर्फबाट ग्राहक वर्गलाई दिने सूचना तयार गर्नुहोस् । ५

१०. 'मानुसी' कविताले भन्न खोजेको मुख्य विषय के हो ? लेख्नुहोस् । ५

Business studies

- 1 What is meant by office? Discuss the functions of an office 10
- 2 Explain the importance of an office? 10
- 3 What is meant by office layout? Explain the importance of office layout. 10
- 4 Write any five principles of Office Layout. 10
- 5 Define Office Management ? Explain the importance of Office Management. 10

Computer Science

Attempt all the questions.

1. Explain any five fields of usage of computer in present days. 10
2. What is memory? Explain its types. Differentiate between primary and secondary memory. 1+4+5=10
3. Describe any five logic gates with truth table and gate symbol. 10
4. List out the major features of mobile computing. 5
5. What is decimal number system? Convert $(11111)_2$ into hexadecimal number. 1+4=5
6. What is CPU? Explain the major units of CPU? 1+4=5
7. What are associative, commutative, distributive, identity and complement laws of algebra? 5

Basic Math

Group A

8×2=16

1. a) If w be a complex cube root of unity, show that $(1 - w)(1 - w^2)(1 - w^4)(1 - w^5) = 9$
- b) Simplify: $\frac{(\cos 3\theta + i\sin\theta)(\cos 3\theta - i\sin\theta)}{(\cos 3\theta + i\sin\theta)^2}$
2. a) Form a quadratic equation whose roots are the squares of the roots of $4x^2 + 8x - 5 = 0$.

- b) Find the value of n for which the equation $(m + 1)x^2 + 2(m + 3)x + (2m + 3) = 0$ will have reciprocal roots.
3. a) For what value of K will make the three points $(1,4)$, $(-3,16)$, $(k,-2)$ collinear?
- b) Find the equation of st.line through $(5,4)$ and perpendicular to the line $4x - 3y = 0$.
4. a) Show the function $f(x) = 4x - 9$ is increasing downwards and where it is concave upwards.

Group B

4×4=16

5. If $x - iy = \frac{\sqrt{1-i}}{1+i}$, prove that $x^2 + y^2 = 1$
6. Show that the roots of the equation $(a^2 - bc)x^2 + 2(b^2 - ca)x + (c^2 - ab) = 0$ will be equal, if either $b = 0$ or $a^2 + b^3 + c^3 - 3abc = 0$.
7. If the roots of the equation $\ln 2 + nx + n = 0$ be in the ratio of $p:q$, prove that
8. Find the value of 'a' for which the lines $3x + y = 2$, $ax + 2y - 3 = 0$ and $2x - y - 3 = 0$ may be concurrent.

Group C

3×6 = 18

9. State DeMoivre's Theorem and prove and also apply to compute $[2(\cos 15^\circ + i\sin 15^\circ)]^6$
10. Find the maximum area of a rectangular plot of land which can be enclosed by a rope of length 60 meter.
11. P and Q are two points on the line $x - y + 1 = 0$ and area at distance of 5 units from the origin. Find the area of the triangle OPQ.

General Principles of Law

5×10=50

1. What is ownership?
2. What is Possession?
3. What is justice?
4. Discuss the relations between rights and duties.
5. What is Duty?

Nepal Legal System

Attempt any five questions.

5×10=50

1. “Present constitution 2072 of Nepal is Gender friendly”. Do you agree/disagree with this statement? Elaborate it with suitable laws and cases.
2. Trace down the features of Constitution of Nepal 2072. Not exceeding more than twenty.
3. Why it is necessary to make good-governance (Management and operation act) 2064. List out the basis for executing administrative functions as per good-governance (Management and operation act) 2064.
4. Differences between Common legal system and civil legal system.
5. What do you mean by “Vinculum Juris” and in which type of cases does it applies?
6. Write short notes on Kirat dynasty of Nepal.

General Law

Group: A

Long answer questions:

3×10=30

Attempt any three questions.

1. Discuss the existing structure of judiciary in Nepal and explain the role of Supreme Court in protecting Fundamental Rights of the citizens.
2. “To be a just and fair constitution the notion of constitutionalism must prevail and exist in order to run society in prompt manner”. Do you agree with this statement? Give reason to support your answer.
3. Define legal person. Discuss the legal status of following;
a. Dead person, b. Unborn child. c. Animals.
4. Explain the nature and importance of precedent as a source of law and discuss its kinds. Do you think larger bench decision shall be binding to full bench or not, if yes why and if no how?

Group: B

Short answer questions:

3×5= 15

Attempt all questions.

1. Just society.
2. Rule of law.

3. Ratio decidendi.
4. Legal and Equitable rights.
5. Vicarious Liability.

Group: C

Very short answer questions.

2.5×2=5

Attempt any two:

1. Liability. 2. Positive and Negative rights. 3. Ratification of treaty.

Mass Communication

3×15=45

1. Write a brief account on the evolution of journalism in Nepal.
2. What are the challenges to journalism in Nepal?
3. Define libel and plagiarism. what do you know about journalism education in Nepal?

Sociology

1. Make a brief ethnographic account of the Newars with focus on settlement and population ‘, ‘marriage system’ and ‘guthi organization’. 12
2. How have technology and politics brought social and cultural change in Nepal? Put your logical lines with suitable examples. 12
3. Discuss Siya and Sunni of Islam. 8
4. Write a brief note on the scope of sociology in Nepal. 8

Rural Development

1. Write about violence over children. 5
2. Write about the measures for stopping violence over children. 10
3. What are the problems of Health Service Extension in rural area? 10
4. Write about the importance of Education. 10
5. Explain the problems of Development and Extension of Education in rural areas. 10
6. List out natural sources of drinking water. 5

The End