Accountancy

DASHAIN-TIHAR VACATION HOMEWORK-2080



XI Management

1. Following transactions are given:

- a. Started business with Rs. 30000.
- **b.** Purchased furniture for Rs. 50,000.
- c. Purchased goods worth Rs. 20,000 including Rs.5000 in cash.
- **d.** Sold good worth Rs. 5, 000 to Roman for Rs. 6000.
- e. Salaries paid Rs. 5,000.

Required: Accounting Equation.

2. The following transactions are given.

Magh 1: Started business with cash Rs. 2,00,000 and Furniture Rs.50,000.

Magh 4: Goods purchased on credit for Rs. 50,000.

Magh 10: Cash deposited into the bank.

Magh 25: Settled creditors account by paying in cash Rs. 49,000.

Magh 30: Sold goods on cash Rs. 50000.

Required: Journal entries.

3. Write a difference between Book keeping and Accounting.

4. Following transactions are given below:

Chaitra -5: Sold to Bhattarai

: 10 tables @Rs.1 2.00 each

: 40 chairs@ Rs. 800 each

: 10% trade discount on both

Chaitra-10: Sold to Soniya Store:

: 20 Bed@ Rs. 4,000 each

: 5 tables@ Rs. 2,000 each

Required: Sales book and Sales Account

5. Following transactions are given to you:

- a. Furniture costing Rs.4000 was sold for Rs. 3500.
- **b.** Sold good to Binod Rs. 12000.
- c. Purchase goods for cash Rs. 7500.
- d. Binod paid Rs.12000.
- e. Cash withdraw from bank for office use Rs. 8000.

Required: Cash account (T-shaped)

6. The following balance of ledger accounts in the book of Sita is provided to you:

provided to jou.			
Particulars	Amount	Particulars	Amount
Beginning inventory	24,500	Freight	5,000

Purchases	265,000	Wages	12,000
Return outwards	4,500	Productive wages	4,500
Carriage on sales	12,600	Sales	359,100
Salary	50,000	Interest received	10,000

Required: Trial Balance

7. Following information are provided to you:

- **a.** On 31st December, bank balance as per pass book Rs. 18,000.
- **b.** Cheque drawn before Chaitra but not present for payment Rs. 4,500.
- c. Bank charges debited in pass book only Rs. 250.
- **d.** Cheque deposit before 31st Chaitra but not credited by bank Rs. 6,000.
- **e.** A customer directly deposited into the bank Rs. 3,500. Required: Bank Reconciliation Statement.

8. What is accounting standard? State the objectives of accounting standards.

9. Following transactions are given below:

- Chaitra 1 Cash in hand Rs. 50,000 and Bank bank balance Rs. 80,000.
- Chaitra -5 Issued a cheque of Rs. 14,800 to Hari for the settlement of Rs. 15.000.
- Chaitra -12 Cash deposit into the Bank Rs. 5,000.
- Chaitra -8 Interest received from investment Rs. 5,000.
- Chaitra -20 Good sold on credit Rs. 3,000
- Chaitra- 26 Withdraw from bank for private use Rs. 4,000.
- Chaitra -30 Received a cheque from Rai and deposited into bank Rs. 8,000.

Required: Triple Column Cash Book

10. Solve all the questions of First Term Examination- 2080.

11. Solve all the questions of your Exercise book including examples in new note copy.

12. Choose any one business organization in your locality and prepare report doing following activities:

- a) Write the name and address of that business.
- b) Write the name of the boss of that business.
- c) Collect the three days business transactions of the business.
- d) Prepare accounting equation from those transactions.
- e) Prepare journal entries and post them into related ledger account.
- f) Prepare Trial Balance from the ledger account.

DASHAIN-TIHAR VACATION HOMEWORK-2080 XI Management



Business Studies

- 1. Solve all the questions of First Term Examinations in loose sheets.
- 2. Solve all exercise problems from unit one to unit four in new copy.
- 3. Choose one private limited company in your locality and prepare project report doing following activities:
 - Write name and address of the company
 - Identify mission, vision, objectives, goals and strategy of the company.
 - Identify the different resources (Financial and other).
 - Discuss why resources are important to achieve organizational objectives.
- 4. Choose one business in your locality and prepare project report doing following activities:
 - Write name and address of the business.
 - Identify the product of the business
 - Identify how business creates the utilities.
 - Discuss about the Time utility and place utility with suitable examples based on the product of that business.

Economics

Very short answer questions:

- 1. What is economics?
- 2. What is normative economics?
- 3. If demand function is: Qd = 150 + 10P and supply function is: Qs = 300 20P, find the equilibrium price
- 4. What are inferior goods?
- 5. What is the closed economy?

Short answer questions:

- 6. If demand function is: Qd = 150 + 10P and supply function is: Qs = 300 20P, find the equilibrium price
- 7. By considering following table

	A	В	С	D
Price	5	10	15	20
Quantity	40	35	30	25

Answer the questions:

- a. Find the elasticity of supply when the price of a commodity increases from Rs.5 to Rs. 15.
- b. Find the elasticity of supply when the price of a commodity decreases from Rs. 15 to Rs. 10.

Long answer questions:

8. Answer the following questions based on the given table

Quantity	MU	TU
1	6	
2	4	
3	2	
4	0	
5	-2	

Complete the given table.

Draw total and marginal utility curves from the completed table.

Show the relationship between total and marginal utility curves.

XI Management



Hotel Management

1. Solve First

question

paper.

Term Exam

Computer Science

- 1. Subtract using 1's and 2's complement. (Convert to binary if necessary)
 - 0 110010102-11010012
 - o 1000001₂-111111₂
 - o 11011₂-1001101₂
 - 0 398-872
 - o 6369₈-2782₁₀
- 2. Perform the following conversions:
 - \circ 8A29.6A₁₆ \rightarrow (?)₈
 - $0 \quad 3725.14_8 \rightarrow (?)_{16}$
 - \circ 7928.4321₁₀ \rightarrow (?)₂
 - \circ 101110110.011101₂ \rightarrow (?)₁₀
- 3. Define all the boolean logical operators with necessary logic gates, truth table and venn-diagram.
- 4. Make logic gate for the following:
 - $\circ \quad A^{'} + (B \cdot C) + C'$
 - $\circ \quad (A \cdot B \cdot C)' + (A' \cdot B' \cdot C')$
- 5. Write biography of Charles Babbage, Lady Augusta, Alan Turing and Tim Berners Lee including their contributions to Computer history. Also shed light on the debate of "Father of Computer".

Nepali

प्रथम त्रैमासिक परीक्षाको सबै प्रश्नहरूको समाधान गरी नोट तयार पार्न्होस् ।

Social Studies and Life Skills

प्रथम त्रैमासिक परीक्षाको सबै प्रश्नहरूको समाधान गरी नोट तयार पार्नुहोस् ।

English

Give answer to the following questions

- a. What does the speaker mean when he says:But have you ever countedHow many have died so farBecause of you and your wars? (Corona says)
- b. How did the giant realize his mistake? (The Selfish Giant)
- c. "Not everyone is capable of fulfilling the roles of the elders." Explain this statement with reference to the essay. (Sharing Tradition)
- d. What is the main theme of the play? (Trifles)
- e. What simile is used and what imagery does the poet use in his promise? (Red Red Rose)
- f. Write an essay on the topic "Importance of English Language".
- g. Write an email to your village friend and invite him/her to your college's annual function in Kathmandu. Also mention how you will celebrate this annual function with your friend.

Books for Reading

- You Can Win
- The Kite Runner
- Eat that Frog
- Thousand Splendid Sun

DASHAIN-TIHAR VACATION HOMEWORK-2080 XII Management



Accountancy

1. The trial balance of manufacturing Co. as on Chaitra 31 2060 is given below.

Particular	AmtDr.	Particular	Amt.Cr.
Plant & machinery	4,00,000	Equity share capital	3,00,00
Opening stock	20,000	sales	689,00
Purchases	3,00,000	Discount	30,00
Debtors	2,00,000	8% Debenture	1,00,00
Wages	30,000	Creditors	40,00
Custom duty	20,000	Profit & loss App a/c	80,00
Salary	40,000	Reserve fund	40,00
Rent	50,000		
Cash	60,000		
Furniture	70,000		
7% Investment	80,000		
General expenses	9000		
Total	12,79,000	Гotal	12,79,00

Additional Information:

- a. Value of closing stock is Rs 60,000.
- b. Depreciate plant & machinery @ 10%.
- c. Salary due for 2 months.
- d. Prepaid rent Rs 8,000.
- e. Proposed dividend @ 15%

Required: a. Trading a/c

- b. Profit & Loss a/c
- c. Profit & loss appropriation a/c
- d. Balance Sheet
- The net profit shown by Cost account was Rs.40,000. On reconciliation, the following differences were noticed.
 - ➤ Works overhead over recorded in cost account Rs 5,000.
 - ➤ Income tax payment recorded in financial a/c Rs 2,000.
 - ➤ Over valuation of closing stock in financial a/c Rs 7,000.
 - ➤ Share transfer fee received oly in financial a/c Rs 1000.

Required: Reconciliation between cost a/c and financial account

3. The following information were given to you

	Opening	Closing
Stock of raw materials	Rs 60,000	Rs 30,000
Stock of work in progress	Rs 15,000	Rs 20,000
Stock of finished goods	Rs 75,000	Rs 45,000
Raw material purchases	Rs 5,00,000	
Carriage on purchases	Rs 25,000	
Direct labour	Rs 2,20,000	
Administrative overheads	10% of factory	cost

Factory overheads Rs 22,000 Selling & distribution overhead Rs 2,49,000 Profit 20% on sale.

Required: A statement of cost and profit showing

(a) Cost of Raw material (b) Factory cost (c) Cost of production

(d) Cost of goods sold (e) Sales

4. The following ledger of a company on 31 ashad, 2076 is given below.

Particular	Amount	Particular	Amount
Purchases	4,00,000	Share capital	1,00,000
Wages	20,000	Creditors	20,000
Salary	30,000	Sales	6,50,000
Furniture	2,50,000	Bank overdraft	80,000
Debtors	1,50,000		
Total	1150,000	Total	1150,000

Additional information

- 1. Depreciation on Furniture by 10%.
- 2. Outstanding wages: Rs 2,000.
- 3. Provision for bad debt Rs 2,500.

Required: a) Ten column worksheet b) Adjusting entries.

5. The balance sheet of a company are given below

Liabilities	2073	2074	Assets	2073	2074
Share	2,00,000	3,00,000	Plant	2,00,000	2,50,000
Debenture	1,00,000	50,000	Investment	1,00,000	1,50,000
A/C payable	80,000	1,00,000	Inventory	70,000	80,000
P/L account	40,000	60,000	Debtors	40,000	10,000
			Cash	10,000	20000
Total	420,000	510,000	Total	420,000	510,000

Other information

- A) Sales & cost of goods sold for the year 2074 were Rs 500,000 & Rs. 300,000 respectively.
- B) Operating expenses was Rs 100,000.
- C) Plant costing Rs 140,000 purchase during 2074.
- D) Sale of Plant Rs 40,000.
- E) Dividend paid during the year Rs 30,000
- F) Reqd: Cash flow statement
- 6. Solve all the questions of First Term Examination-2080.
- 7. Visit the Nepal telecom's website & download the financial statement then prepare CASH FLOW STATEMENT of Nepal telecom's fiscal year 2078/079

DASHAIN-TIHAR VACATION HOMEWORK-2080 XII Management



Business Studies

Economics

- 1. Solve all the questions of First Term Examination in loose sheets.
- 2. Solve all exercise problems from unit one to unit four in new copy.
- 3. Choose one organization in your locality and prepare project report doing following activities:
 - Write name and address of the organization.
 - Identify planning process of the organization.
 - Identify decision making process of that organization.
 - Analyze the different department of the organization.
- 4. Ask with your ward office about their authority, responsibility & accountability of the ward.

Hotel Management

1. Solve the exam questions of First Term Examination-2080.

Very short answer questions.

- 1. Define mixed economy.
- 2. Define division of labor.
- 3. What is primary data?
- 4. Define rent.
- 5. What is meant by interest?
- 6. What is meant by indirect oral interview?.

Short answer questions.

- 7. Assume that fixed costs are Rs. 850, variable cost per item is Rs. 45, and selling price per unit is Rs. 65, then, find out
 - a) Cost function
 - b) Revenue function
 - c) Profit function
- 8. If a Cost function of a company is $6Q^2 + 5Q + 100$, then,
 - a) Calculate TFC and TVC function
 - b) Calculate TVC and MC when Q= 5

Long answer questions.

- 9. How price and output is determined under monopoly in short run.
- 10. The root cause of all economic problems is scarcity." Explain it.
- 11. Explain the relationship between AC and MC.
- 12. Complete the following table and sketch the figure of TFC,TVC,TC.

Q	TFC	TVC	TC	AVC	AFC	AC	MC
1	12	0					
2	12	6					
3	12	8					
4	12	9					
5	12	10					
6	12	14					
7	12	21					

XII Management



Computer Science

English

1. Describe all types of software process model with their advantages, disadvantages, usage and necessary diagrams.

2.

- A. Design an Entity-Relationship (ER) diagram that represents the entities, attributes, and relationships for a Hospital Management System. Use appropriate symbols and notations. The system should handle patients, doctors, appointments, and medical records.
- B. Create the database schema by defining the tables for the entities. Write the SQL statements to create these tables, including constraints for primary and foreign keys. Insert sample data into these tables to represent the following scenario:
 - a. Add patient records with names, addresses, and contact information.
 - b. Include doctor details such as names, specialties, and contact information.
 - c. Schedule appointments for patients with specific doctors.
 - d. Record medical records for patients based on their appointments.
- C. Write SQL statements to demonstrate the following operations:
 - a. Insert a new appointment for a patient with a doctor.
 - b. Delete a patient's medical record.
 - c. Update the contact information of a doctor
 - d. Find all doctors in a particular medical specialty.
 - e. Calculate the average age of patients.
 - f. List all appointments for a specific doctor.
 - g. Update a patient's contact information.

[Note: Respective relational database models (tables) for all the SQL statements are mandatorvl

Books for Reading

- You Can Win
- The Kite Runner
- Eat that Frog
- Thousand Splendid Sun

Write the answer of the following questions.

- a. Why does Mrs. Baroda not disclose her feelings towards Gouvernail to her husband?
- b. Why were the people in the neighbourhood surprised at the role of the young man and his wife in their family?
- c. What, according to the speaker, is a day?
- d. Who are the 'poor creatures? Why does the speaker call them 'poor creatures'?
- e. How did the community celebrate Rakesh's success?
- f. Summarize the poem "I Was My Own Route".
- g. Shed light on the difference between an ordinary woman and an actress.
- h. How does the poet highlight the magnificence of God?
- Write an apology letter to your friend. In your letter explain why you did not attend the party and also mention what you plan to do to make up for missing the your friend's party.

Social Studies and Life Skills

प्रथम त्रैमासिक परीक्षाको सबै प्रश्नहरूको समाधान गरी नोट तयार पार्नुहोस् ।

Nepali

प्रथम त्रैमासिक परीक्षाको सबै प्रश्नहरूको समाधान गरी नोट तयार पार्न्होस् ।

XII Science



Chemistry

Multiple Choice Questions (Volumetric analysis)	Multiple	Choice	Ouestions	(Volumetric	analysis)
---	----------	--------	------------------	-------------	-----------

- 1) Molarity of 10% NaOH solution is
 - a) 2.5 M
- b) 0.25 M
- c) 10M
- D)100 M
- 2) Equivalent mass of an acid with molecular mass M is
 - a) M/ basicity b) M/ acidity C) M/ ionic charge d) M/ no. of electron lost
- 3) The normality of a solution containing 5 g NaOH per litre is b) 0.5 N
 - a) 0.125 N

- c) 2N
- d) 8N
- 4)10 mL of 1M sulphuric acid is mixed with 25 mL of 0.4 N HCl, the strength of resulting solution is
 - a) 0.857 N

- c) 1.167 N
- d) 0.705 N
- 5) a. What is meant by redox titration? Give one example.

b) 0.571N

- b. 0.8 g. of divalent metal was dissolved in 100 ml of 1.28 N HCl solution and the solution was diluted to 200 ml. Then 50 mL of the diluted solution required 54.6 mL of 0.22 N NaOH for neutralization. Calculate the atomic mass of metal.
- 6) a. What is normality? How is it related to molarity?
 - b. 25 cc of and alkali solution is mixed with 8 cc of 0.75N acid solution and for complete neutralization, it requires 15 cc of 0.8 N acid solution. Find the strength of the given alkali solution.

Ionic Equilibrium

Multiple Choice Questions:

- 1) pH of 0.1 N HCl solution is.
 - a) 1.0
 - b) 4.0
 - c) 7.0
 - d) 14.0
- 2) The sum of pH and pOH at 25^oC is.
 - a) 0
 - b) 14
 - c) -7
- 3) Conjugate base of strong acid is.
 - a) Stable
 - b) Unstable
 - c) Reactive
 - d) Metastable
 - d) 7

- 4) At 25°C, pKw is.
 - a) 7
- b) 14
- c) 10⁻¹⁴
- d) 10⁻⁷

- 5) Proton donors are called.
 - a) Lewis acids
 - b) Bronsted acids
 - c) Bronsted bases
 - d) Lewis bases
- Ksp is equal to ionic product in
 - a) Saturated solution
 - b) Unsaturated solution
 - c) Supersaturated solution
 - d) Dilute solution
- pH of pure water when its pKw is 13.
 - a) 7
- b) 1
- c) 6.5
- d) Greater than 7
- 8) Explain the Bronsted-Lowry concept of acid and base and write its limitations.
- 9) Define common ion effect and solubility product principle. Write their application in qualitative salt analysis.
- 10) Derive the expression for Ostwald dilution law. How it is not applicable for strong electrolytes.
- 11) 200 mL of an aq. solution of HCl having pH 2 is mixed with 300 mL of an aq. solution of NaOH having pH 12. What will be the pH of resulting solution?
- 12) How is chloroform prepared in laboratory from ethanol and acetone? Write chemical reaction. Write the reaction of chloroform with
 - a) Silver powder
 - b) Conc. HNO3
 - c) Acetone
 - d) Air
- 13) What is fermentation process? How is alcohol manufactured from starch and molasses? Discuss with suitable chemical reactions.
- 14) Why haloarenes are less reactive towards nucleophilic substitution reaction? Discuss with suitable resonating structures.
- 15) An organic compound A having molecular formula C₃H₇Cl on reaction with alcoholic KCN gives compound B. The compound B on hydrolysis with dil. HCl gives compound C and reduction with H₂/Ni gives 1- amino butane. Identify A, B and C with suitable chemical reactions.
- 16) Write the bessemerisation process for the extraction of copper.

DASHAIN-TIHAR VACATION HOMEWORK-2080 XII Science

Riviera International Academy Majukahal, Chabahi, Kathmadu, Tel. 448597, 4482233

Biology

Botany

- 1. Write the differences between C_3 and C_4 plant.
- 2. Write the role of vascular cambium in growth of dicot stem.
- 3. Define xylem. Describe its component with necessary diagrams.

Zoology

Answer the following questions. (Draw diagrams wherever necessary)

- 1. Describe the structure of L.S. of human kidney.
- 2. Explain the structure of nephron.
- 3. Describe human respiratory organs.
- 4. Prepare a note on any one bacterial disease you have studied.
- 5. Prepare a note on any one fungal disease you have studied.
- 6. Describe how mechanism of respiration takes place in human beings.
- 7. Explain the working mechanism of human heart with its structure.
- 8. Prepare a chart of animal tissue.
- 9. Describe organogenesis in frog.

Computer Science

- 1. Describe all types of software process model with their advantages, disadvantages, usage and necessary diagrams.
- 2.
- A. Design an Entity-Relationship (ER) diagram that represents the entities, attributes, and relationships for a Hospital Management System. Use appropriate symbols and notations. The system should handle patients, doctors, appointments, and medical records.
- B. Create the database schema by defining the tables for the entities. Write the SQL statements to create these tables, including constraints for primary and foreign keys. Insert sample data into these tables to represent the following scenario:
 - a. Add patient records with names, addresses, and contact information.
 - b. Include doctor details such as names, specialties, and contact information.
 - c. Schedule appointments for patients with specific doctors.
 - d. Record medical records for patients based on their appointments.
- C. Write SQL statements to demonstrate the following operations:
 - a. Insert a new appointment for a patient with a doctor.
 - b. Delete a patient's medical record.
 - c. Update the contact information of a doctor
 - d. Find all doctors in a particular medical specialty.
 - e. Calculate the average age of patients.
 - f. List all appointments for a specific doctor.
 - g. Update a patient's contact information.

[Note: Respective relational database models(tables)for all the SQL statements are mandatory]

English

Write the answer of the following questions.

- a. Why does Mrs. Baroda not disclose her feelings towards Gouvernail to her husband?
- b. Why were the people in the neighbourhood surprised at the role of the young man and his wife in their family?
- c. What, according to the speaker, is a day?
- d. Who are the 'poor creatures? Why does the speaker call them 'poor creatures'?
- e. How did the community celebrate Rakesh's success?
- f. Summarize the poem "I was my Own Route"
- g. Shed light on the difference between an ordinary woman and an actress.
- h. How does the poet highlight the magnificence of God?
- i. Write an apology letter to your friend. In your letter explain why you did not attend the party and also mention what you plan to do to make up for missing the your friend's party.

DASHAIN-TIHAR VACATION HOMEWORK-2080 XII Science



Compulsory Mathematics

- 1. Solve exam question paper.
- 2. Complete all the exercise of complex number.

Nepali

प्रथम त्रैमासिक परीक्षाको सबै प्रश्नहरूको समाधान गरी नोट तयार पार्नुहोस् ।

Physics

- 1. Complete project work.
- 2. Complete note copy.
- 3. Solve the questions of First Term Examination.
- 4. Solve long questions and numerical of chapter electrical circuit from question bank.

Book for Reading English

- You Can Win
- The Kite Runner
- Eat that Frog
- Thousand Splendid Sun

XI Science

Riviera International Academy Reliabeled Chatania, Kethmanda, Tel: 485587, 485222

Chemistry

- 1. Discuss about the acid radicals and basic radicals with examples.
- 2. Discuss the various types of formula of the compounds with examples.
- 3. Calculate the percentage composition of the calcium sulphate.
- 4. What do you mean by the atomic mass of the elements? Discuss about the percentage composition.
- 5. What do you mean by the term periodicity? Write down the characteristics of s, p, d, f block elements.
- 6. What is the basis of classification of elements in modern periodic table? Write down the advantages and limitations of modern periodic table.
- 7. What are the demerits of Mendeleev's periodic table? Explain in details.
- 8. Write down the postulates of kinetic theory of molecular gas. Derive the ideal gas equation PV=nRT
- 9. What do you mean by ideal and real gas? Differentiate between them.
- 10. State and explain the Graham's law of diffusion. A spherical balloon of 21cm diameter is to be filled with hydrogen at NTP from a cylinder containing gas at 20 atm and 27° C. If the cylinder can hold 2.82 litre of water vapour at NTP. Calculate the number of balloon that can be filled up.
- 11. Why do gases diffuse easily? How long will it take for 500 mL of hydrogen gas to diffuse through the partition, if 250 mL of oxygen diffuse in 500 minutes under similar condition?
- 12. Write the principle of manufacture of ammonia by Haber's process.
- 13. Draw the flow sheet diagram for the manufacture of ammonia by Haber's process.
- 14. Write the principle and flow sheet diagram for the manufacture of nitric acid by Ostwald's process.

- 12. Write the principle of manufacture of ammonia by Haber's process.
- 13. Draw the flow sheet diagram for the manufacture of ammonia by Haber's process.
- 14. Write the principle and flow sheet diagram for the manufacture of nitric acid by Ostwald's process.
- 15. What do you mean by oxidation number? Illustrate with examples that oxidation and reduction takes place simultaneously. Also find the oxidation number of C in Glucose, C in oxalic acid, N in nitric acid, Cr in $K_2Cr_2O_7$.

Project work

Use any authentic literature to prepare a list of organic compounds used in daily life with their main composition and structural formula of the compounds.

S.N.	Substance	Main	Struc
		composition	ture

Computer Science

- 1. Subtract using 1's and 2's complement.(Convert to binary if necessary)
 - 0 110010102-11010012
 - 0 10000012-1111112
 - 0 11011₂-1001101₂
 - 0 398-872
 - o 6369₈-2782₁₀
- 2. Perform following conversions:
 - a. $8A29.6A_{16} \rightarrow (?)_8$
 - b. $3725.14_8 \rightarrow (?)_{16}$
 - c. $7928.4321_{10} \rightarrow (?)_2$
 - d. $101110110.011101_2 \rightarrow$ $(?)_{10}$
- 3. Define all the boolean logical operators with necessary logic gates, truth table and venndiagram.
- 4. Make logic gate for the following:

a.
$$A' + (B \cdot C) + C'$$

b.
$$(A \cdot B \cdot C)' + (A' \cdot B' \cdot C')$$

5. Write biography of Charles Babbage, Lady Augusta, Alan Turing and Tim Berners Lee including their contributions to Computer history. Also shed light on the debate of "Father of Computer".



Biology

Botany

- 1. Define monosaccharides. Give two example of it.
- 2. Define RNA? Define its type and mention its biological role also.
- 3. Write the difference between prokaryotic and eulcaryotic cell.

Zoology

Draw neat and labelled diagram of following structures in A4 sheets.

- 1. T.S of earthworm body wall through setae
- 2. Alimentary canal of earthworm
- 3. T.S. of earthworm body wall through pharynx
- 4. T.S of earthworm body wall through gizzard
- 5. Nervous system of earthworm
- 6. Reproductive system of earthworm
- 7. Draw well labelled diagram of *Parmecium* and conjugation in *Pramecium*.
- 8. Draw a well labelled diagram of life cycle of *Plasmodium*.
- 9. Explain the theory proposed by Oparin and Haldane regarding origin of life with experimental support.

XI Science

English

Write the answer of the following questions:

- a. What does the speaker mean when he says:
 But have you ever counted How many have died so far Because of you and your wars?
 (Corona Says)
- b. How did the giant realize his mistake? (The Selfish Giant)
- c. "Not everyone is capable of fulfilling the roles of the elders."

 Explain this statement with reference to the essay. (Sharing Tradition)
- d. What is the main theme of the play? (Trifles)
- e. What simile is used and what imagery does poet use in his promise? (Red Red Rose)
- f. Write an essay on the topic of "Importance of English Language".
- g. Write an email to your village friend and invite him/her to your college's annual function in Kathmandu. Also mention how you will celebrate this annual function with your friend.

Physics

- 1. Complete the project work given.
- 2. Complete note copy.
- 3. Solve the questions of First Term Examination 2080.
- 4. Solve numerical questions of kinematics.

Compulsory Mathematics

- 1. Solve the exam question paper of First Term Examination-2080.
- 2. Complete all the exercises of derivative expect last exercise.

Nepali

प्रथम त्रैमासिक परीक्षाको सबै प्रश्नहरूको समाधान गरी नोट तयार पार्नुहोस् ।

Book for Reading

- You can win
- The Kite Runner
- Eat that Frog
- Thousand Splendid Sun

DASHAIN-TIHAR VACATION HOMEWORK-2080 XII LAW

Civil and Criminal Law

- 1. What is property? Why is property important to every individual? List the types of property as per Muluki dewani samita, 2074.
- 2. Law must change with the society. Justify the statement with some contemporary examples.

Project work:

- > Comparative study of divorce laws of Nepal with India.
- Analytical research on the procedure of Intercountry adoption in Nepal.
- > Prepare a draft of contract between two parties on sale of vehicle.
- ➤ If one of the parties breaches the contract, what are the remedies available for another party as a remedy of breach of contract as per contract law?

Nepalese Legal System

- 1. Write short note on constitutional history of Nepal . नेपालको संबैधानिक ईतिहास बारेमा छोटो टिप्पणी लेख्नुहोस ।
- 2. Write on essay on the making of muluki ain of 1910. १९१० सालको मलकी ऐनको बारेमा निबन्ध लेख्नुहोस ।
- 3. How do judge interprets the codes and statutes in civil legal system? नागरिक कानून प्रणालीमा न्यायधिसहरुले संहिता र विधायन को व्याख्या कसरी गर्दछन्?
- 4. Discuss about the development of human society according to Marxist view. मार्क्सवादी धारणा अनुसार समाज विकासको चर्चा गर्नुहोस्।
- 5. What is meant by double edge of law in socialist state? समाजवादी कानूनमा कानूनको दई धार भनेको के हो?

Legal Drafting

- १. लिखतको परिभाषा गर्नुहोस ।
- २. कानुनको मस्यौदा प्रिक्रयाका सीपहरु उल्लेख गर्नुहोस ।
- ३. कानुनी लिखत मस्यौदा गर्दा कागजको संरचनागत पक्षको विश्लेषण गर्नुहोस ।
- ४. कानुनी असक्षम व्यक्तिको तर्फवाट लिखत कसरी तयार गर्न सिकन्छ ?
- ५. कान्नी मस्यौदा प्रिक्रयाको आधारभ्त सीपहरु के के हन ?
- ६. फिरादपत्र भनेको के हो यो दिदा ध्याद दिनु पर्ने कुराहरु उल्लेख गर्नहोस ।
- ७. प्रतिउत्तर दिने तरिका वताउनुहोस ।
- द्र. अभियोग तयार गर्दाका वखत ध्यादन दिनुपर्ने कुराहरु के के हन?
- ९ .थ्नछेक आदेश गर्दा कस्तो आदेश दिइन्छ ?
- १०. प रैसला लेख्दा विचार गर्नुपर्ने क्राहरु क के हन ?
- 99. बेरीतको आदेश उपरको निवेदन र कैफियत प्रतिवेदन भन्नाले के वृक्षिन्छ ?
- १२. पुनरावेदनपत्र भनेको के हो ?

छोटकरी उत्तर दिनुहोस।

- (क) प्रतिदावी
- (ख) जेथाजमानत
- (ग) मञ्जरनामा
- (घ) वैनापट्टा
- (इ) वारिशनामाको प्रकार र योग्यता
- (च) अ.वा.को हैसियत समाप्त हुने अवस्थाहरु
- (छ) मिलापत्रको महत्व
- (ज) वकालतनामा
- (भ्रा) संगठित संस्थाले फिराद,प्रिउत्तरपत्र दिने तरिका
- (ञ) थनामै राखी पर्पक्ष गर्नपर्ने अवस्थाहरु
- दशै विदामा नेपाली कागज किनी लेखाइ दिइ सकेको लिखतहरु उत्तारी त्रुटीरहित तवरवाट मस्यौदा गरी विदा पछि परीक्षणका लागि तयार गर्ने ।



Nepali

प्रथम त्रैमासिक परीक्षाको सबै प्रश्नहरु गरेर आउनुहोस् ।

Social Studies and Life Skills

प्रथम त्रैमासिक परीक्षाको सबै प्रश्न गरेर आउनुहोस् ।

English

Write the answer of the following questions.

- a. Why does Mrs. Baroda not disclose her feelings towards Gouvernail to her husband?
- b. Why were the people in the neighbourhood surprised at the role of the young man and his wife in their family?
- c. What, according to the speaker, is a day?
- d. Who are the 'poor creatures? Why does the speaker call them 'poor creatures'?
- e. How did the community celebrate Rakesh's success?
- f. Summarise the poem "I was my Own Route"
- g. Shed light on the difference between an ordinary woman and an actress.
- h. How does the poet highlight the magnificence of God?
- Write an apology letter to your friend. In your letter explain why you did not attend the party and also mention what you plan to do to make up for missing the your friend's party.

IXI LAW

Constitutional law

- 4. Define the constitution according to the jurist and in line with the article 1 of the constitution.
- 5. What are the importances of constitution?
- 6. Explain the Constitutional Development in Nepal in the orderly form, shortly brief each of constitution.
- 7. What are the basic features of constitution of Nepal?
- 8. What are the constitution making processes? Explain in shortly each of making process.
- 9. How many types of constitution? What are the merit and demerit of written and unwritten constitution, what are the merits and demerit of unitary and federal constitution? Distinguish their advantages and disadvantage.
- 10. Why fundamental rights are main attraction in constitution? Give reasonable answers.
- 11. What are the fundamental duties of citizens?
- 12. What circumstance shall be made if organ of state operated by whole and sole power lead by single person or authority? Give good examples with reference to Montesquieu.
- 13. What are the reason behind that emergency power is essential in the constitution?
- 14. What are the election processes of president? What are the power, function and duties of the president?
- 15. Who shall takes place an accountability of prime minister and minister?
- 16. What are the function of federal executive?
- 17. What are the function of federal legislature (parliament)?
- 18. What are the jurisdiction of supreme court in Nepal?
- 19. How federal legislature shall be composed?

- 1. What is the election process of prime minister / how the council of minister shall be formed?
- 2. What are the jurisdictions of Supreme Court in Nepal?
- 3. How federal legislature shall be composed?

Write short note on:

- A. Constitutionalism B. National interest
- C. Right to freedom
- D. Right relating to justice
- E. Right to victim of crime F. Right of property
- F. Number of judges in supreme court
- G. Name of writ petition

Jurisprudence

- 1. Classify the sources of law with suitable examples.
- 2. Which school of law is relevant in the present context? Put some light on critical legal studies.
- 3. Why is law important to society? Explain with suitable examples.

Project work

- > History of origin of law with timeline.
- > Development of sociological school along with the major contribution of jurists of this school.
- > Are people aware of law in the society? Meet people from your community and collect their feedback by interview method and analyze the data .Take 10 people from different communities as a sample.



English

Write answers of the following questions:

- a. What does the speaker mean when he says: But have you ever counted How many have died so far Because of you and your wars? (Corona Says)
- b. How did the giant realize his mistake? (The Selfish Giant
- "Not everyone is capable of fulfilling the roles of the elders." Explain this statement with reference to the essay. (Sharing Tradition)
- d. What is the main theme of the play? (Trifles)\
- e. What simile is used and what imagery does poet use in his promise? (Red Red Rose)
- Write an essay on the topic of "Importance of English Language".
- Write an email to your village friend and invite him/her to your college's annual function in Kathmandu. Also mention how you will celebrate this annual function with your friend.

DASHAIN-TIHAR VACATION HOMEWORK-2080 XI Law



Nepali

प्रथम त्रैमासिक परीक्षाको सबै प्रश्न गरेर आउन्होस्।

Social Studies and Life Skills

प्रथम त्रैमासिक परीक्षाको सबै प्रश्न गरेर अउन्होस्।

Procedural Law

- 1. Discuss the relationship between substantive law and procedural law and explain why substantive law is meaningless in the absence of procedural law?
- 2. Procedural law can be applied retrospectively. Explain with suitable example.
- 3. "Justice delayed is justice denied." Define this statement in context with summary procedure.
- 4. "One should have locus standi to enter to the court." Explain this statement with the exception of locus standi.
- 5. What is bais? In which condition a case cannot be heard by judge?