

**ENGLISH**

Please undergo the following questions and maintain your practical work accordingly, writing on only one side of the A4 size papers. Prepare your files fairly and do these tasks completely.

**Questions for Practical Work**

1. Write an essay on the importance of English in today's globalized world, particularly in Nepal. Discuss the advantages and challenges of learning English in your community.
2. Write a short story set in a rural village in Nepal, blending Nepali traditions with a modern-day problem. Focus on character development, setting, and plot.
3. Imagine you are a journalist in Nepal. Write an article about a recent event in your local area (e.g., cultural festivals, environmental issues, or social challenges).
4. Write a letter to a friend or a relative who is studying abroad. Share your thoughts on how life in Nepal has changed and what exciting experiences you are having.

**NEPALI**

(नोट : कक्षा ११ को नेपाली र व्याकरण किताब सुरु देखि अन्त्यसम्म पढ्नुहोस्, बुझ्नुहोस् र निम्न लिखित शीर्षकहरू खोजी एक एक ओटा नमुना लेखेर परियोजना कार्य तयार गर्नुहोस् ।)

पृष्ठ क्रमशः :

१. आवरण पृष्ठ (कभर पेज)
२. विषय सूची
३. व्यक्तिगत विवरण- फोटोसहित (बायोडाटा)
४. तपाईंकी दिदीको विवाहको दिन आउँदै गरेकाले तपाईंका बुबा आमाले तयार पारेको विवाहको निमन्त्रणा पत्र तयार पार्नुहोस् ।
३. तपाईंको गाउँ टोलमा खानेपानी, विद्युत, ढल निकासीजस्ता विविध समस्या भएकाले सबै सुविधा उपलब्ध गराउन आग्रह गर्दै आफ्नै गाउँका वडाध्यक्षलाई निवेदन लेख्नुहोस् ।
४. यो वर्ष शैक्षिक भ्रमणको प्रबन्ध मिलाउनु हुन अनुरोध गर्दै प्राचार्यलाई निवेदन लेख्नुहोस् ।
५. विद्युत प्राधिकरण, चाबहिल, काठमाडौंले एक हप्तासम्म विद्युत आपूर्ति बन्द गर्ने बारेको सूचना तयार पार्नुहोस् ।
- ✓ परियोजना कार्य ए फोर साइजको फोटोकपी पेपरमा गर्नुपर्ने छ । सुन्दर/आकर्षक कभर पेज बनाई तोकिएको शीर्षक अनिवार्य रूपमा प्रस्ट खुल्ने गरी बनाउनुपर्ने छ । तमसुकको नमुना प्रस्तुत गर्दा अनिवार्य रूपमा नेपाली कागजमा कालो मसीले लेखेर बुझाउनुपर्ने छ ।
- ✓ परियोजना तयार गर्दा बाहिरपट्टि कुनै प्रकारको प्लास्टिक कभर नराखी स्ट्यापलर पिन लगाएर टेप बाइन्डिङ गर्न सकिने छ ।
- ✓ ढाँचा पूर्ण रूपमा नमिलेको पाइएमा पुनः गर्न लगाइने छ ।

**SOCIAL STUDIES AND LIFE SKILL EDUCATION**

१. नेपालको इतिहासमा छाउनी सङ्ग्रहालयको गौरव बारे अनुसन्धान परियोजना तयार पार्नुहोस् ।

**MATHEMATICS**

1. Concept of Function and its Application. (*Name Starts from A – M*)
2. Derivatives and its application. (*Name Starts from N – Z*)

**ECONOMICS**

1. **Gather information on various consumer goods and services in your local community.**

Classify them into different categories. Analyze the data and identify trends or patterns in the types of consumer goods and services. Create visual aids such as charts, graphs, or diagrams to present their findings. Summarize the project's findings and emphasize the relation of consumer goods with their income.

**OR**

Go to your local market. List the commodities and mention their name which are demanded by most of the consumers. What response did they show with the change in price? Make questionnaire, collect data and present it by graph.

**ACCOUNTING**

**Practical Work Guidelines and Instructions**

To develop practical skills in accounting, students are required to visit a local manufacturing company and collect data for analysis.

Follow the tasks and instructions below for each practical work carefully.

**Practical Work 1: Journal, Ledger and Trial balance**

**Objective:** Develop skills in journalizing, ledger posting, and preparing a trial balance using actual financial data.

1. Visit a nearby business/ company in your nearby locality. Record the *name*, *address*, and *nature of business*.
2. Collect at least twenty recent financial transactions with the information of date, amount and transactional details.
3. Prepare Journal, Ledger and Trial Balance from the collected data.
4. Paste a photograph of yourself at the company location in the report.

### **COMPUTER SCIENCE**

1. Prepare a Project report providing a brief review of one of the e-commerce platforms operating in Nepal.

### **HOTEL MANAGEMENT**

1. During the festival vacation, every community prepares different special meal. Write short description of each food items and their recipe along with method of preparation. (At least 2 special dishes)
2. Going back to village is a fun and change of creating moments. But, side by side it is also chance of observing the possibilities of tourism. Consider the components of tourism and write down the possibilities of developing sustainable village tourism of your village.

### **BUSINESS STUDIES**

1. Make a visit to nearby cooperatives organization and prepare field report by including the following contents.
  - a. Name and address of the cooperatives.
  - b. Name, address, education, experience and other information of members.
  - c. Name and detail information of management committee.
  - d. Capital invested by each member for establishment and operation of society.
  - e. Nature and business performed by the organization.
  - f. The main objective of the cooperative organization.
  - g. Prepare a list of products and services dealt by the organization.
  - h. Amount of business turnover and profit/loss for the year.
  - i. Future scope of business and plan of cooperative organization.

### **BUSINESS MATHEMATICS**

#### **Linear Programming Problems (LPP)**

Objective: Use graphical methods to solve maximization and minimization problems for optimal resource allocation.

Your Task: Create a concise report covering the following three sections:

1. *The Basics:* Define the key components of an LPP: the Objective Function, Constraints, and the Feasible Region. Briefly explain the steps of the Graphical Method and why optimal solutions (maximum or minimum) always occur at the corner points (vertices) of the feasible region.
2. *Real-World Application:* (Maximization - Production): A factory produces basic chairs and luxury chairs. The profit is Rs. 500 per basic chair ( $\text{Rs. } 500 \text{ per } x$ ) and Rs. 800 per luxury chair ( $\text{Rs. } 800 \text{ per } y$ ). Write down an objective function to maximize profit. If the factory has a maximum of 40 hours of labor and 60 units of wood available (with basic chairs taking 1 hour and 1 unit, and luxury chairs taking 2 hours and 1 unit), write the constraint inequalities.
3. *The Challenge Problem:* Use the graphical method to solve the following problem step-by-step: Maximize:  $\{Z = 3x + 5y\}$  Subject to constraints:  
Sketch the graph, shade the feasible region, list all corner points, and state the maximum value of  $\{Z\}$ .  
Conclusion: Wrap up with a short paragraph explaining how businesses, logisticians, or economists use linear programming in the real world to maximize profits or minimize costs under limited resources.

#### **General Guidelines for Practical Work (Accounting, Economics, Hotel management, Business Studies and Computer Science):**

1. Ensure your report is original and based on actual data collected from the company/ place you visited.
2. Use proper formatting, including headings and numbering.
3. Reports must be typed with the given format.
4. Include all supporting documents and photographs.
5. Submit the completed practical work by the deadline provided.
6. **Acknowledgment:** Thank the company and individuals who helped you during the data collection or preparation process.

[Students need to submit the practical + project work by **FRIDAY, MANGSIR 04, 2083 (NOV 20)**]