

**TATA DAV PUBLIC SCHOOL, NOAMUNDI**  
**CLASS: XI COMMERCE**  
**SUMMER HOLI DAYS HOME WORK**

**ENGLISH :-**

1. Relating the topic 'Portrait of a Lady' the reader's real life experiences. Write about a person one who holds dear.
2. Prepare a presentation on the works and achievements of Khushwant Singh. ( pictorial as well as factual)
3. Prepare a working model on 'Environment Protection.'

**Accountancy**

1. Give the meaning of Accounting.
2. Define Book Keeping.
3. Write five advantages of Accounting.
4. Explain the limitations of Accounting.
5. Write a short note on Double Entry system of Accounting.
6. Distinguish between opening stock and closing stock
7. Write a note on types of assets with one example each.
8. Explain the following terms with examples  
(1) Revenue (2) Drawings (3) Profit (4) Voucher.

**Business Studies**

**Section – A**

Very Short Answer Questions

1. Define Business.
2. What is economic activity? 3. Name any two auxiliaries to trade.
4. What is partnership?
5. Define sole proprietorship.

**Section – B**

Short Answer Questions

1. Explain any three characteristics of business.
2. Distinguish between profession and employment.
3. Explain the role of commerce in business.
4. State any three merits of a joint stock company.

**Section – C**

Long Answer Questions

1. Explain the different types of industries with suitable examples.
2. Discuss the merits and limitations of sole proprietorship.
3. Explain the causes of business risks.

**Section – D**

Case Study Based Questions

Read the case carefully and answer the questions:

Rohan started a bakery shop in his locality with the help of his family members. He invested his own capital and takes all business decisions himself. The profit earned by him belongs only to him. However, he also bears all the losses alone.

Questions:

1. Identify the form of business organisation.
2. State any two features of this form of business.

## MATHEMATICS :-

1. Evaluate  $i^{-39}$
2. Evaluate  $(1+i)^4$
3. Express in the form of  $a+ib$ ,  $(3i-7) + (7-4i) - (6+3i) + i^{23}$
4. Solve for  $x$  and  $y$ ,  $3x + (2x-y)i = 6 - 3i$
5. Find the value of  $1+i^2 + i^4 + i^6 + i^8 + \dots + i^{20}$
6. 1. If  $U = \{1,2,3,4,5,6,7,8,9\}$ ,  $B = \{2,4,6,8\}$  and  $C = \{3,4,5,6\}$ . Find:  $(B - C)'$ .
7. If  $A = \{x : x \in R, x > 4\}$  and  $B = \{x \in R : X < 5\}$ . Find  $A \cap B$ .
8. If  $U = \{1,2,3,4,5,6,7,8,9\}$ ,  $A = \{2,4,6,8\}$  and  $B = \{2,3,5,7\}$ . Verify  $(A \cap B)' = A' \cup B'$ .
9. Find  $\sqrt{7 - 24i}$
10. Solve:  $2x^2 + \sqrt{15}ix - i = 0$

## ECONOMICS:-

1. Difference between Micro Economics and Macro Economics.
2. What is Positive Economics and Normative Economics?
3. What is PPC? Explain the features of PPC.
4. Explain the concept of PPF.
5. What is Opportunity Cost? Explain the concept in detail.
6. State any five points related to Positive and Normative Economics.
7. Explain the concept of Economics and Economy in detail.

## COMPUTER SCIENCE:-

### 1. Case Study Based Question

Python is one of the object oriented Languages. It works in window as well as DOS mode. It allows us to execute code in interactive as well as script mode. Interactive mode is also termed as Python IDLE.

Read the above information carefully and answer the following questions.

- a) Name an object oriented programming language other than python.
  - b) Python interactive mode is also called IDLE. What does IDLE mean?
  - c) Name an operating system on which Python code can be executed.
  - d) In which mode Python program files can be saved for future use?
2. Explain the features of python language.
  3. Differentiate b/w
    - (i) RAM and ROM
    - (ii) SRAM and DRAM
    - (iii) Compiler and Interpreter
  4. Write short notes on,
    - (i) Interpreter
    - (ii) OMR
    - (iii) EPROM
    - (iv) MICR
  5. Write full forms of :
    - (i) EEPROM
    - (ii) OMR
    - (iii) MICR
    - (iv) POST
  6. Convert the following number system:
    - (i)  $(A1B)_{16} = (?)_2$
    - (ii)  $(106)_{10} = (?)_{16}$
    - (iii)  $(78)_{10} = (?)_8$
    - (iv)  $((122)_{10} = (?)_2$
    - (v)  $(13B)_{16} = (?)_{10}$
    - (vi)  $(101101)_2 = (?)_{10}$
    - (vii)  $(11011)_2 = (?)_8$

## PHYSICAL EDUCATION :-

### 1. Project Work:

Prepare a short report (1–2 pages) on any one:

- Career as a Sports Coach
- Career as a Physiotherapist
- Career as a Yoga Instructor

### 2. Interview Task:

Take a short interview of a local sports coach/PE teacher and write:

- Their journey
- Challenges faced
- Advice for students

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### ◆ Research-Based Questions

3. Research and list at least 5 government schemes promoting sports in India.
4. Compare Physical Education systems of India with any other country.
5. Find out how social media is influencing fitness trends among youth.

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### ◆ Bonus (Higher Thinking Skills)

6. Do you think Physical Education should be a compulsory subject in schools? Justify your answer.