English

1. The odd even formula in Delhi has been a good initiative to control air pollution in the City. Write a letter to the editor of the Deccan Chronicles expressing your views and the need for more such efforts which can help in keeping our environment clean. You are Prashida/ Prashant Ghosh of 36, Friends Colony, New Delhi.
2. You are Mohit Jain. Draft a formal invitation to be extended among your friends and relatives for the inauguration ceremony of your new showroom. Invent the necessary details.
3. Write a notice for a tree plantation drive that is going to be organised in your school. You are Sameer Nandi, student Coordinator of Greenfield Public School, Delhi.
4. You are Prem / Parul of 16, TT Nagar, Bhopal. You would like to apply for the post of Marketing Manager in a reputed firm in Mumbai. Right a letter to the Public Relations Officer, Chantac Enterprises, Mumbai applying for the job.
   To complete your English project file. Learn and revise all the syllabus of PT-2

PHYSICAL EDUCATION

Q1. List any 4 asansused for prevention of asthma. Explain that procedure for administration of any 1 of them with diagram.

Q2. What are the movements that take place at the ankle joint? Name them.

Q3. Write an essay on Newtown's law of motion and it's application.

Q4. Explain what is strength and write the methods of improving strength.

Q5. Explain any two doping and steroids. Mention 5 side effects.

Q6. Complete practical file.

IP

Q1. Write any 10 program related to data frame and arithmetic operators in note book.

Q2. Write any 10 program of SQL in note book.

Q3. Write chapter – 5 let us revise statements of SQL in note book from pg. no – 295 – 296.

Q4. Prepare project file like on the topic of STUDENT MANAGEMENT SYSTEM .

Q5. Prepare program file minimum 20 program of dataframe , matplotlib and SQL.

Note: Do all the practical work in the file printout form.
        Revise PT-2 syllabus completely.

MATHS

1. Integrate the function $x \tan^{-1} x$.

2. Find the angle between the pair of lines: $\vec{r} = 2i - 5j + k + \gamma(3i + 2j + 6k)$ and $\vec{r} = 7i - 6k + \mu(i + 2j + 2k)$

3. Find the area of the region in the first quadrant enclosed by x-axis, line $x = \sqrt{3}y$ are the given curve $x^2 + y^2 = 4$.

4. Solve the differential equation $ydx + (x - y^2)dy = 0$

5. Complete lab manual, activities as given in the class.

Economics

Q1 What are the different objective of government budget?

Q2 What is rural credit and its different types.Explain in detail.

Q3 What is the difference between fixed exchange rate and flexible exchange rate?

Q4 Explain any to fiscal measures to rectify excess demand (use diagram).

Q5 Explain the role of NABARD in Rule credit.

Q6 Complete your project work.

B.ST

Q1.State any three responsibilities that a consumer should keep in mind while purchasing using and consuming goods and services.

Q2.Explain the following 'Rights' of a Consumer:

(i) Right to be Informed (ii) Right to seek Redressal.

Q3.What is meant by consumer protection? State any four points of importance of consumer protection from the point of view of consumers.

Q4.Under the Consumer Protection Act 1986, every consumer has a right to be protected against goods and services which are hazardous to life and health. Delhi-18 Lights and Appliances produces and sells substandard electrical appliances. As these appliances did not conform to safety norms so an important mark assuring quality specification was missing. Cases were noticed where these sub-standard appliances had caused serious injury to many consumers.

a. Which consumer right has been highlighted in the above case?

b. Name the mark which the consumer should see before buying any electrical appliances to ensure safety.

c. Name and explain the consumer right where a consumer has a right to have complete information about that product he intends to buy.

Q5.PROJECT (one topic)

a)Element of business environment

b)Principle of management

c)Stock exchange

d)Marketing management

Accountancy

Q1.Cheese and Slice are equal partners. Their capitals as on April 01, 2022 were ₹ 50,000 and ₹ 1,00,000 respectively. After the accounts for the financial year ending March 31, 2023 have been prepared, it is observed that interest on capital @ 6% per annum and salary to Cheese @ ₹ 5,000 per annum, as provided in the partnership deed has not been credited to the partners' capital accounts before distribution of profits.

You are required to give necessary rectifying entries using P&L adjustment account.

Q2.P, Q and R were partners with fixed capital of ₹ 40,000, ₹ 32,000and ₹ 24,000. After distributing the profit of ₹ 48,000 for the year ended 31st March 2022 in their agreed ratio of 3 : 1 : 1 it was observed that:

Interest on capital was provided at 10% p.a. instead of 8% p.a.

Salary of ₹ 12,000 was credited to P instead of Q.

You are required to pass a single journal entry in the beginning of the next year to rectify the above omissions.

Q3.Sandeep, Maheep and Amandeep were partners in a firm sharing profits in the ratio of 2 : 2 : 1. The firm closes its books on 31st March every year. On 30th June, 2020Maheepdied. The partnership deed provided that on the death of a partner his executors will be entitled to the following:

a)Balance in his capital account which amounted to ₹ 1,15,000and interest on capital till date of death which amounted to ₹ 5,000.

b)His share in the profits of the firm till the date of his death amounted to ₹ 20,000.

c)His share in the goodwill of the firm. The goodwill of the firm on Maheep's death was valued at ₹ 1,50,000.

d)Loan to Maheep amounted ₹ 20,000.

It was agreed that the amount will be paid to his executor in three equal yearly instalments with interest @10% p.a. The first instalment was to be paid on 30.06.2021.

Calculate the amount to be transferred to Maheep's executors Account and prepare the executor's account till it is finally settled.

Q4.From the following Balance Sheets of Vishal Ltd. as at 31st March, 2023, prepare a comparative Balance Sheet.

Vishal Ltd.
Balance Sheet as at 31st March, 2023

	Particulars	Note No.	31-3-23	31-3-22

			(₹)	(₹)
I.	**Equity and Liabilities:**			
1.	Shareholders Funds			
	(a) Share Capital		21,00,000	20,00,000
	(b) Reserves and Surplus		2,30,000	2,00,000
2.	Non-current Liabilities			
	Long term borrowing		5,60,000	2,00,000
3.	Current Liabilities			
	Trade payables		2,80,000	1,00,000
	Total		**31,70,000**	**25,00,000**

II.	**Assets:**			
1.	Non-current Assets			
	Property, Plant and Equipment and Intangible Assets			
	(i) Property, Plant and Equipment		21,00,000	20,00,000
	(ii) Intangible assets		3,00,000	2,00,000
2.	Current Assets			
	(a) Inventories		5,60,000	2,00,000
	(b) Cash and cash equivalents		2,10,000	1,00,000
	Total		**31,70,000**	**25,00,000**

Q5. Prepare PROJECT (specific project according to CBSE guidelines)