(1) ENGLISH	Q. 1. Stuti is the Head Girl of Raman Vidyalaya, Rohtak. She and some other students of the school are touched by the plight of the slum kids who would love to be educated but can't because of poor economic conditions. They wish to make a difference by teaching these kids. They decide to invite other students for the same purpose. Write a notice not exceeding 50 words, making an appeal for generous help. Q.2. You are Ruchika. Write an article in 150-200 words for your school magazine on the topic 'Life without Modern Gadgets'. Q.3. Prepare a project on the topic 'Mother Land & Mother Tongue' taking ideas from the lesson 'The Last Lesson'. Q. 4.Imagine the situation the mother gets to kinow the poetpersona's fear.Write a letter as the mother,telling the daughter why she must not dwell on these fears.You may begin this way: D14/,Pataliputram colony, Kerala 5th july1954 My dear kamala, I am writing this letter to you, because when you left me at the airport, I felt something was wrong. Thinking by how little you spoke that day….(continue…)
(2) MATHS	**1**. If $(x^2+y^2)^2 = xy$, find $\frac{dy}{dx}$. **2**. If $f(x) = sin2x - cos2x, then\ find\ f'\left(\frac{\pi}{6}\right)$. **3**. If $x\sqrt{1+y} + y\sqrt{1+x} = 0$ for $-1 < x, y < 1$, then prove that $\frac{dy}{dx} = \frac{-1}{(x+1)^2}$ **4**. Find $\frac{dy}{dx}$,if $y = \sin^{-1}\left[\frac{6x-4\sqrt{1-4x^2}}{5}\right]$. **5**. If $y = (\cos x)^x + \sin^{-1}\sqrt{3x}$, find $\frac{dy}{dx}$ **6**. If $x^y + y^x = a^b$, then find $\frac{dy}{dx}$. **7**. Differentiate the following function with respect to x, $f(x) = (\log x)^x + x^{\log x}$. **8**. If $y = \sqrt{\sin x + \sqrt{\sin x + \sqrt{\sin x + \ldots + \infty}}}$, then find $\frac{dy}{dx}$. **9**. If $y = \tan^{-1}\left(\frac{a}{x}\right) + \log\sqrt{\frac{x-a}{x+a}}$,then prove that $\frac{dy}{dx} = \frac{2a^3}{x^4-a^4}$. **10**. Find $\frac{dy}{dx}$, when $y = x^{\cot x} + \frac{2x^2-3}{x^2+x+2}$.
(3) PHYSICS	1. Solve Ncert text and intext questions given in class of chapter 1 and 2 2.Make 10 MCQ from Electric dipole and Guass law and it's application topic 3. Make 10 Assertion reason questions from Electric potential and Electric field . 4.Solve MCQ and assertion questions from pyq (2022,2023) related chapter 1 and 2.
(4) CHEMISTRY	1. Complete the NCERT exercise/intext questions from 2 chapters. 2. Solve 10MCQ questions from both chapters. 3. Five assertion – reasoning questions from each chapter.

	4.One case based passage along with question and answers. 5.Previously asked questions of last 5 years along with the answer.
(5) BIOLOGY	1. Find out the 20 objective, 20 Assertion Reason and 4 case based questions from chapter 1& 2 each. 2. Prepare a project file on the topic given in the class.
(6) ACCTS	Solve the questions of Partnership Fundamentals
(7) BSTD	Revise the lesson nature and significance of management and write the case based questions
(8) ECO	1. Make a synopsis on instruments of monetary policy or credit control measures with current RBI Monetary Policy Rates. 2. Explain details about circular flow of income of Two Sector, Three Sector and Four Sector Economy. 3. Revise formula of National Income and its Related Aggregates and also revise taught lessons.
(9) HISTORY	1.Describe the history of the early urban centres of the Indus valley civilization in 300 words 2. on the outline political map of India mark and name the following sites of harappan civilization Harappa, mahenjadaro, chanudaro, banwali, kalibangan, balakot, rakhigarhi, dholavira, nageswar and lothal 3. on the given outline political map of India mark and name the following mahajanpadas and cities Gandhara, taxila, Avanti, kasi, kosala, Magadha, vajji, kuru, panchala, ujjaini, Mathura and kanauj.
(10) POL.SC	1. Write a short notes on 'ARAB SPRING'. 2. Analyze India's relation with following countries including positive and negative aspects: Russia, China and Pakistan 3. Compile all the topics given below in a well organized file as per instructions:: **NON-ALIGNED MOVEMENT** Year of founding and founding member countries Objectives Is NAM means isolation? Is NAM means neutrality? Role of India in Non-Aligned Movement Criticism of NAM Is NAM relevant up to now? **USE APPROPRIATE PHOTOGRAPHS OR MAPS OR CAFRTOONS**
(11) GEOGRAPHY	Complete the following topics in Geography practical notebook. 1. Data – its Source and Compilation 2. Data Processing 3. Graphical Representation of Data 4. Spatial information Technology.
(12) HINDI	[A] अप्रत्याशित विषय पर लेखन 150 शब्दों में- [i] पृथ्वी की रक्षा हेतु पर्यावरण की सुरक्षा

		[ii] जीवन की एक हास्यास्पद घटना [iii] देशप्रेम की भावना- सर्वश्रेष्ठ भावना [B] 'अभिव्यक्ति और माध्यम' पुस्तक के पाठ तीन, चार और पांच का सारगर्भित अध्ययन। [C] निर्धारित परियोजना कार्य को पूर्ण करना।

(13) IP		1. Solve the program of series with different functions.
		2. Solve worksheet of series question in copy.
		3. list difference between-
		  a. Series and List
		  b.Series and Dictionary
		  c. Dataframe and List
		  d. Dataframe and Dictionary

(14) PE		1. Draw the fixtures with all calculations of following tournament which are given below in your class work note copy. a. Knock out fixture with 23 teams b. Knock out fixture with 14 teams(4 teams are seeded) c. Knock out fixture with 14 teams(4 teams are special seeded and direct entry into quarter final) 2a. League fixture with 9 teams in all three methods (Cyclic,Staircase & Tabular) b. League fixture with 8 teams in all three methods (Cyclic,Staircase & Tabular) 3. Combination fixture with 22 teams (Teams are to be distributed in 4 quarter) a. Knock out cum Knock out b. Knock out cum league c. League cum league d. League cum knock out 5. Complete the note work copy.