

K.C. INTERNATIONAL SCHOOL

Jalpura, Sector 01, Greater Noida West, G.B Nagar, U.P.-201306 GRADE: XII- B

SUMMER VACATION HOLIDAY HOMEWORK (2025-26)

1	English				
		1-Prepare the project file on given topics.			
		(I)Case study and real life of Child Labour (Roll no.1-8)			
		(II)Role of Antarctica in climate regulations and impact of human			
		activities on Environment (9-16)			
		(III)Overcoming fearA study of courage. (17-24)			
		(IV)The Champaran movement A fight for justice in India (25 -			
		(1v) in conamparan movement A fight for justice in findia. (25 -			
		unwarus)			
		2-Read the drama 'On the Face of it'.Write the review and dialogue of it.			
		3- Prepare the PPT on given topics.			
		4-Revise the UT 1 syllabus.			
2	Business Studies	* Project work			
-		Topic-1: principle of management			
		Topic -? Stock Exchange			
		Topic -2 Stock Exchange Topic -3 Marketing management (select any one product)			
		Topic-4 Rusiness Environment			
		Propara a project assigned to you as par CBSE Cuidelines			
		Prepare a project assigned to you as per CBSE Guidelines.			
		11301 RUU HUNS 1 Use A4 size plain or one side ruled paper only			
		 Ose A4 size plain of one side ruled paper only. Matter should be written on one side of the paper and Formats flow 			
		charts ate should be drawn on the flin side only			
		3 Project should be nest and systematically presented			
		4. Expansively colorful and adowned projects will not be accorted			
		4. Excessively coloriul and adorned projects will not be accepted.			
		5. Paste pictures and cuttings of newspaper which are related to your			
-		topic .			
3	Accountancy				
		Assignment - I			
		1. If a fixed amount is withdrawn on the first day of every quarter, for			
		what period of interest on total drawings will be calculated?			
		2. Distinguish between fixed and fluctuating capital account on the basis			
		of credit balance?			
		3. A group of 40 people wants to form a partnership firm. They want			
		your advice regarding the maximum number of persons that can be there			
		in a partnership firm and the name of the Act under whose provisions it			
		is given?			
		4. In the absence of partnership deed, at which rate interest is allowed on			
		a partners loan?			
		5. Goodwill is anasset, but not aasset.			

	6 A and B were partners sharing profits & losses in the ratio of 5:3 On
	1st Anril2014 their canital accounts showed balances of `3 00 000 & `2
	00 000respectively Calculate the amount of profit to be distributed
	between the partners if the partnership deed provided for interest on
	canital $@$ 10% per annum and the firm earned a profit of `45000 for the
	voor onded 31st Moroh2015
	year ended 51st March2013. 7 M and N are partners sharing profits & losses in the ratio of 2.3 Ωn
	1st April 2015, their capital accounts showed balances of ` 70,000 &
	So an array of M_{g} and M
	were `16,000 &
	12,000 respectively. Both the amounts were withdrawn on 1st January
	2016. It was subsequently found that the following items had been
	omitted while preparing final accounts for the year ended 31st March
	2016.
	(a) Interest on capitals @6% p.a.
	(b) Interest on drawings @6% p.a.
	(c) M was entitled to a commission of `4,000 for the whole year. Show
	your workings clearly and pass necessary adjustment entry in the books
	of the firm.
	8. W, X and Y are partners sharing profits & losses in the ratio of 2:2:1.
	X was guaranteed a minimum profit of `10, 00,000. The firm earned a
	profit of `17,50,000 for the year ended 31st March 2021. Pass journal
	entries and prepare
	profit & loss appropriation a/c.
	9. An existing firm had assets of `4,00,000 including cash of `15000. Its
	creditors amounted to `20000 on that date. The partners' capital account
	showed a balance of `300000 and reserves amounted to `80000. If the
	normal rate of return is 10% and the Goodwill of the firm is valued at
	`75000 at three years purchase of super profit find average profit of the
	firm.
	10.X, Y and Z are partners sharing profits & losses in the ratio of 5:4:1.
	It is now agreed that they will share futureprofits in the ratio of 3:3:4.
	Goodwill is valued at `1, 00,000. You are required to pass a single journal
	entry for the treatment of goodwill.
	11.A B and C are partners in firm manufacturing furniture. They have
	been sharing profit and losses in the ratio of 5:3:2. From 1st April 2017
	they decided to share future profits & losses in the ratio of 2:5:3. Their
	balance sheet shows a Debit balance of `4000 in profit and loss account;
	balance of `36000 in general reserve and a balance of `12000 in
	workmen's compensation reserve. It was agreed that—
	(a) The Goodwill of the firm be valued at `76000.
	(b) The stock (book value of `40,000) was to be depreciated by 8%.
	(c)Creditors amounting to `900 were not likely to be claimed.
	(d) Claim on account of workmen compensation amounted to `20,000.
	12 Anita and Sunita distribute profit in the ratio of 3: 2. On 1st April,
	2019 their capitals were * 1,60,000 and * 1,20,000 respectively. Interest
	on capital is to be charged @ 6% per annum and Sunita has to be paid a
	yearly salary of 36,000. Their drawings during the year were 30,000 and

		40,000 respectively. The profit of the year after deducting Sunita's salary was 43,800. Anita is also entitled to get 5% commission after charging such commission. Prepare profit and loss appropriation account and Partner's Capital Accounts.				
6	Math (Applied)	1. Copy the lab activities without reading in your mathematics lab activity notebook. Activity no 2,5,13,14,15,16,21,22,26,27 only				
		2.	Solve the below mentioned assignment			
		1.	Prove that $\begin{vmatrix} yz - x^2 & zx - y^2 & xy - z^2 \\ zx - y^2 & xy - z^2 & yz - x^2 \\ xy - z^2 & yz - x^2 & zx - y^2 \end{vmatrix}$ is divisible by $(x + y + z)$ and hence find the quotient.			
		2. Using elementary transformations, find the inverse of the matrix				
			$A = \begin{bmatrix} 8 & 4 & 3 \\ 2 & 1 & 1 \\ 1 & 2 & 2 \end{bmatrix}$			
		3.	Using matrix method, solve the system of linear equations			
			x - 2y = 10, 2x - y - z = 8 and $-2y + z = 7$			
		4.	Find A^{-1} if $A = \begin{bmatrix} 0 & 1 & 1 \\ 1 & 0 & 1 \\ 1 & 1 & 0 \end{bmatrix}$ and show that $A^{-1} = \frac{A^2 - 3I}{2}$			
		5.	Find the matrix x for which $\begin{bmatrix} 3 & 2 \\ 7 & 5 \end{bmatrix} \times \begin{bmatrix} -1 & 1 \\ -2 & 1 \end{bmatrix} = \begin{bmatrix} 2 & -1 \\ 0 & 4 \end{bmatrix}$			

		6	Let $A = \begin{bmatrix} 2 & 3 \end{bmatrix}$ and $f(x) = x^2 - 4x + 7$ then show that $f(A) = 0$			
		v. Let $A = \begin{bmatrix} -1 & 2 \end{bmatrix}$ and $f(x) = x^2 - 4x + 7$, then show that $f(A) = 0$, using this result find 4^5 .				
			using this result find A".			
		7.	If $a + b + c = 0$ and $\begin{vmatrix} a - x & c & b \\ c & b - x & a \\ b & a & c - x \end{vmatrix} = 0$, then show that either			
			$x = 0$ or $x = \pm \sqrt{\frac{3}{2}(a^2 + b^2 + c^2)}$			
		8.	If $A + B + C = \pi$, then find the value of			
			$ \begin{array}{rcl} \sin(A+B+C) & \sin B & \cos C \\ -\sin B & 0 & \tan A \\ \cos(A+B) & -\tan A & 0 \end{array} $			
		9.	9. If $\Delta = \begin{vmatrix} (x-2)^2 & (x-1)^2 & x^2 \\ (x-1)^2 & x^2 & (x+1)^2 \\ 2 & (x+1)^2 & (x+2)^2 \end{vmatrix}$ prove that Δ is negative.			
		10.	Using properties of determinants prove that:			
			$-bc$ $b^2 + bc$ $c^2 + bc$			
		$\begin{vmatrix} a^{2} + ac & -ac & c^{2} + ac \end{vmatrix} = (ab + bc + ca)^{3}$ $\begin{vmatrix} a^{2} + ab & b^{2} + ab & -ab \end{vmatrix}$				
		11. Prove that: $\begin{vmatrix} a & a+c & a-b \\ b-c & b & b+a \\ c+b & c-a & c \end{vmatrix} = (a+b+c)(a^2+b^2+c^2)$				
7	Economics	Assignment-				
		Week-1:-				
		1.Chapter-1: on the Eve of Independence				
		Prepare 20 objective type of question with answer.				
		2.Wo	rk these out:			
		• Compare the map of British India with that of				
		independent India and find out the areas that				
		became part of Pakistan. Why were those				
		parts so important to India from the economic				
		point of view?				
		• How many iron and steel industries are there				

		in India at present? Are these iron and steel				
		factories best in the world? Or do you think				
		these factories need restructuring and				
		upgradation? Write down your view.				
		• Give a brief description on 'Trade through				
		SUEZ CANAL'.				
		• Write two pages of writing in				
		good handwriting.				
9	Computer science	Holiday Homework Assignment – Class 12 CBSE Computer Science				
		(083) Topic: Data Structures - Stack Python-1 & Python-2				
		Objective:				
		To enhance understanding of Python programming and Stack data structures through practical implementation and analytical tasks.				
		Part A: Python - 1 & 2 (Theory + Practical)				
		Python Theory Worksheet				
		Write short notes on the following topics:				
		Mutable vs Immutable data types				
		Scope of variables in Python				
		Functions vs Modules				
		File handling modes in Python				
		Difference between list, tuple, and dictionary				
		Python Coding Practice				
		Write a Python program to:				
		Count the frequency of words in a text file				
		Create a function that calculates factorial recursively				
		Read a file and display all lines that start with a vowel				

	Accept a list of integers and return a list with only even numbers.
	Topic loop program and function programs
	Loops and Functions in Python:
	Holiday Homowork Class 12 CRSF Computer Science (083)
	Tonic: Loops and Eurotion Programs in Python
	Part A · Loop-Resed Programs (For While Nested Loops)
	Print natterns using loops
	Write Python programs to print the following patterns:
	a.
	*
	**

	b.
	1
	12
	123
	Mathematical Programs using Loops
	a. Program to check if a number is prime.
	b. Program to print the Fibonacci series up to n terms.
	c. Program to find the factorial of a number using a loop.
	Menu-driven loop program
	Create a menu-driven program using a while loop for a basic calculator
	(Add, Subtract, Multiply, Divide).
	Part R. Function Resad Programs
	Part D. Function-Dascu Programs
	a Function to calculate the square of a number
	b Function to check if a number is even or odd
	c. Function to return the larger of two numbers.
	Function with List Arguments
	a. Function to return the sum of elements in a list.
	b. Function to remove duplicates from a list.
	Function with Recursion
	a. Recursive function to calculate factorial.
	b. Recursive function to find nth Fibonacci number.
	Part A: Python - 1 & 2 (Theory + Practical)
	Python Theory Worksheet

	Write short notes on the following topics:				
	Mutable vs Immutable data types				
	Scope of variables in Python				
	Functions vs Modules				
	File handling modes in Python				
	Difference between list, tuple, and dictionary				
Phy .Education					
	1. Revise 1, 2 and 3 chapter.				
	2. Write about the causes of diabetes and aasans for its prevention.				
	3. □Study in detail about" female athletes triad"				
	4. □Make your physical education practical file.				

********* END ********



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UNIT TEST-1 (2025-26)

Class: XII -B

Syllabus

S. No.	Subject	Content		
1	Accountancy	Part -A. (Volume -1)		
		Ch-1) Accounting for partnership firm-Fundamental		
		Ch-2)Goodwill		
		Ch-3)Changing profit sharing ratio		
		Ch-4) Admission of a partner		
2	Business	Part-A		
	Studies	Ch-1 Nature and significance of management concept		
		Ch-2 Principles of Managements		
		Ch-3 Business Environment		
3	Economics	Unit-1		
		Basic concepts of macroeconomics, concepts of national income,		
		methods of national income		
		Unit-2		
	To al al	Money and banking		
4	English	*Literature* :		
		1-The fast lesson		
		2- Lost spring 2. Third lovel		
		J- The tiger king		
		5- My mother		
		6- Keeping quiet		
		Writing Skills		
		1- Notice writing		
		2- Job application		
		3- Letter to the Editor		
		4- Article writing		
		5- Report writing		
	~ ~ ~ ~	I Juit 1. Dethon 1		
5	Computer Science	Unit1, Fyllon 1 Unit2: Dathon 2		
6	Mathematics	Ch 1 Relations and Functions		
		Ch 3 Matrices		
		Ch 4 Determinants		
7	Physical Education	Ch 1 management of sporting events		
		Ch 2 children and women in sports		
		Ch 3 yoga as preventive measure for lifestyle disease		



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JALPURA, SECTOR-1, GREATER NOIDA WEST, G. B NAGAR, U.P 201306 **DATESHEET FOR UNIT TEST-1 EXAMINATION (2025-26)**

DAY/DATE	IX	X	XI	XII
07-07-2025 MONDAY	ENGLISH LANGUAGE AND LITERATURE	SCIENCE	ENGLISH CORE	CHEMISTRY / ECONOMICS
08-07-2025 TUESDAY	SOCIAL SCIENCE	ENGLISH LANGUAGE AND LITERATURE	PHYSICS / HISTORY / BUSINESS STUDIES	ACCOUNTANCY
09-07-2025 WEDNESDAY	MATHS	HINDI	PHYSICAL EDUCATION	ENGLISH CORE
10-07-2025 THURSDAY	HINDI	SOCIAL SCIENCE	MATHS/BIOLOGY/POLITICAL SCIENCE	COMPUTER SCIENCE / HINDI / SOCIOLOGY
11-07-2025 FRIDAY	SCIENCE	INFORMATION TECHNOLOGY	CHEMISTRY / ECONOMICS	PHYSICS / HISTORY / BUSINESS STUDIES
14-07-2025 MONDAY	INFORMATION TECHNOLOGY	MATHS	COMPUTER SCIENCE / HINDI / SOCIOLOGY	PHYSICAL EDUCATION
15-07-2025 TUESDAY			ACCOUNTANCY	MATHS / BIOLOGY / POLITICAL SCIENCE

NOTE:

- · Wearing of school uniform and ID card is mandatory to write the exam.
- In case of non-clearance of fees students shall not be allowed to appear in exam.
- Dates which are not mentioned in the date sheet will be considered as holidays.
- Use of any kind of unfair means during examination will lead to cancellation of the paper. ۰
- You must have admit-card for examination. Exam will not be rescheduled for any reason for any student. Medical certificate will be required in case of medical leave.
- PTM will be held on 26th July, 2025. .

EXAMINATION Adio

Examination Department

Co-ordinator

