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Admission No._____ Class & Sec _____ Roll No. _____

Name _____ Father Name _____

Respected Parents,
Please do this in Holiday Homework Notebook. Please help your ward in this work.

Subject	❖ ENGLISH
Learning	Learn short and long type questions / answers of the following lessons and poem ▪ Lesson 1 - The Portrait of a lady ▪ Lesson 2 - We are not afraid to die.. if we can all be together ▪ Lesson 3 - Discovering Tut :- The Saga Continues. ▪ **Poem 1 A photograph.**

		Writing Skill
Writing	• **Write down abstract or summary of the following lessons and poem : -** • Lesson 1 The Portrait of a lady • Lesson 2 We are not afraid to die.. if we can all be together.. • Poem 1 A photograph.	• **Draft the advertisements on the topics :-** • Situation Vacant. • Situation Wanted

Activity	❖ **Prepare the Posters on the following topics : -**
	i. Need of cleanliness iii. Addiction of mobile phones ii. Climate change facts and impact iv. Pollution ways to tackle it

Subject	❖ Music Hind Vocal
Learning + Writing	1. परिभाषाए – संगीत स्वर, सप्तक, अलंकार, ग्राम, वर्ण, कण स्वर, तान, अलाप 2. ताल परिचय – रूपक ताल, झपताल, धमार ताल, 3. संगीत रत्नाकर 4. रागो का शास्त्रीय परिचय – ☑ राग भैरव ☑ राग मालकौस

Subject	❖ Physical Education
Learning + Writing	**Learn and write** Unit 1st Changing Trends and Career Unit 2nd Olympism
Activity	**Yoga Exercise for 21st June**

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Subject		❖ Physics
Learning	Unit 1 : - Physical world & measurement Unit 2 : - Kinematics Unit 3 :- Laws of motion Unit 4 : Work, Energy & Power	
Writing	Write all NCERT Numerical of Unit 1 , Unit 2 & Unit 3 in Holiday notebook. Write Conceptual problems of Unit 2 and Unit 3 in Holiday notebook. Write all case study of Unit 1 , Unit 2 & Unit 3 in Holiday Notebook.	
Activity	**Make charts on following topics : -** ▪ Banking of road ▪ Angular projectile motion	

Subject		❖ Chemistry
Learning Writing	1. **NCERT INTEX QUESTIONS** 2. **NCERT EXERCISE QUESTIONS OF FOLLOWING CHAPTERS : -** ✓ Some basic concept of Chemistry ✓ Structure of Atom ✓ Classification of elements and periodicity of properties. 3. **Complete Practical record file.**	
Activity	**Make project and a chart on given topics : - (Any one)** (1) Bohr's model of atom (2) Photoelectric effect and Block body radiation. (3) Flow chart on quantum numbers (4) Chart on electronic configuration At no 1 - 30	

Subject		❖ Biology
Learning Writing	1. **Solve NCERT questions of UNIT – 5 (Human physiology)** ✓ Ch – 1 The living world ✓ Ch – 2 Biological classification ✓ Ch – 3 Plant kingdom ✓ Ch – 4 Animal kingdom ✓ Ch – 5 Morphology of flowering plant **Make mind map of all chapters in a separate notebook**	
Activity	✓ Classification chart activity :- Create a chart that shows the levels of classification in the animal kingdom from porifera to chordate. Write one key feature and an example of each phylum in your chart ✓ Leaf types identification : Activity :- Collect 2 simple leaves (e.g. mango, guava) and 2 compound leaves (neem, rose). Paste the leaves identify they whether they are simple or compound. ✓ Classification in your surroundings activity : Go outside or look around your houses. Find 5 organisms and classify them in to their respective kingdom (Monera, Protista, Fungi, Plantae, Animalia)	

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Subject	❖ Mathematics
Learning Writing	Solve Chapterwise MCQs, Assertion – Reason, Case based Study, Questions of following : - ✓ Ch. 1 Sets ✓ Ch. 2 Relations & Functions. ✓ Ch. 3 Trigonometric Functions ✓ Ch. 4 Complex numbers ✓ Ch. 5 Linear Inequations. ✓ Ch. 6 binomial theorem ⟋ Solve NCERT questions chapter wise as follows : - ✓ Ch. 1 Sets ✓ Ch. 2 Relations & Functions. ✓ Ch. 3 Trigonometric Functions ✓ Ch. 4 Complex numbers ✓ Ch. 5 Linear Inequations. ✓ Ch. 5 binomial theorem
Activity	✓ **Make chart on** ▪ Draw a activity to find number of subsets of a set ▪ Draw an activity to find the numbers of relation from A to B for two non – empty sets A and B. ▪ Draw an activity to distinguish between relation and function ▪ Make a 4×4 sheet for the formulae of Trigonometric functions.

	❖ Computer Science
Learning Work	**Unit : 1 Computer systems and organization** ▪ Ch: 1 Computer system overview ▪ Ch: 2 Data Representation ▪ Ch: 3 Boolean logic **Unit : 2 Computational thinking and programming – 1** ▪ Ch: 1 Computational thinking and getting started with python. ▪ Learn MCQ, short Q/A, long Q/A, application based questions. ▪ Learn symbols, truth – table of all logic gates.
Writing work	✓ Do given Revision Assignment – 1 (Ch. 1,2) ✓ Revision Assignment – 2 (Ch. 3, 5) i.e attached with your holiday H.W. ✓ Do your writing work in your computer fair Notebook.
Practical work	✓ Write a program to input the value of x and y, print the sum of these numbers. ✓ Write a program to print any message using python print () function.

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Revision Assignment 1
Subject: Computer Science (083)
Ch. No. :1,2
Section-A (Short Answer Type Questions)

Q.1. What is the function of memory? What are its measuring units?

Q.2. What is the difference between interpreter and compiler?

Q.3. Explain CPU with its subunits.

Q.4. What are various categories of software?

Q.5. What do you mean by operating System?

Q.6. Convert the following numbers:

i) $(101011111)_2$ = (............................)$_{10}$

ii) $(145)_{10}$ = (......................)$_2$

iii) $(A07)_{16}$ = (......................)$_2$

iv) $(11010111010111)_2$ = (.................)$_{16}$

v) $(3527)_8$ = (.........................)$_2$

Q.7. Write the full-forms of the followings:

PROM, EPROM, ASCII, ISCII, EEPROM, UTF, ROM, RAM, BIT, ALU, CU, CPU

Section-B (Long Answer Type Questions)

Q.8. Add the following binary numbers:

(i) $(110101)_2$ + $(10\ 1111)_2$

(ii) $(111011110)_2$ + $(1101001011)_2$

Q.9. Convert the following decimal number to Hexadecimal: $(3619)_{10}$ = (............)$_{16}$

Q.10. Differentiate between.

i) RAM and ROM

ii) PROM and EPROM

iii) EPROM and EEPROM

iv) Primary Memory and Secondary Memory

v) Application Software and System Software.

Revision Assignment - 2
Subject: Computer Science (083)
Ch. No. :3, 5
Section-A (Short Answer Type Questions)

Q.1. How many types of Basic Logic Gates? Write their names.

Q.2. Explain AND Gate with symbol and Truth Table.

Q.3. Give duals for the following:

(i) ABC + AB'C + A'BC'

(ii) (A+0). (A.1.A')

Q.4. What does a cross platform language mean?

Q.5. What is the difference between interactive and script mode in Python?

Q.6. Python is Free and open Source language. What do you understand by this feature?

Section-B (Long Answer Type Questions)

Q.7. Draw the diagram of digital circuit for the function:

(i) F (x, y, z) = (x + y). (x' + z'). (y + z)

(ii) F (a, b, c) = ab + b' c + c' á.

Q.8. Explain OR and NOT Gate with symbol and Truth Table.

Q.9. Explain NAND and NOR Gate with symbol and Truth Table.

Q.10. Explain E-OR Gate with symbol and Truth-Table.

Q.11. What are the advantages of Python Programming Language?