



Summer Vacation Homework CLASS – 11th Med. & Non Med.

**SURAJ
SCHOOL**
MAHENDERGARH

Dear Students

Please do this in Holiday Homework Notebook and take your parents help to do this task.

Subject		❖ ENGLISH
	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	- 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.	Writing Skill - Draft the advertisements on the topics :- - Situation Vacant. - Situation Wanted
✚ Activity	❖ Prepare the Posters on the following topics :-	
	i. Need of cleanliness ii. Climate change facts and impact	iii. Addiction of mobile phones iv. Pollution ways to tackle it

Subject		❖ Music Hind Vocal
✚ Learning + Writing	1. परिभाषाएँ – संगीत स्वर, सप्तक, अलंकार, ग्राह, 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 1 st Changing Trends and Career Unit 2 nd Olympism	
Activity	Yoga Exercise for 21 st 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 INDEX 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 Black 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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	❖ 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) $(101011111)_2 = (\dots\dots\dots)_{10}$
ii) $(145)_{10} = (\dots\dots\dots)_2$
iii) $(A07)_{16} = (\dots\dots\dots)_2$
iv) $(11010111010111)_2 = (\dots\dots\dots)_{16}$
v) $(3527)_8 = (\dots\dots\dots)_2$
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) $(110101)_2 + (101111)_2$
(ii) $(111011110)_2 + (1101001011)_2$
Q.9. Convert the following decimal number to Hexadecimal: $(3619)_{10} = (\dots\dots\dots)_{16}$
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) $F(a, b, c) = ab + b'c + c'a$
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?