



DIVISIONAL PUBLIC SCHOOL & COLLEGE SAHIWAL
(CHICHAWATNI CAMPUS)



SUMMER VACATION TASK 2026

Class: VIII

Name: _____ **I.D** _____

Class: _____ **Section:** _____

Dear Students,

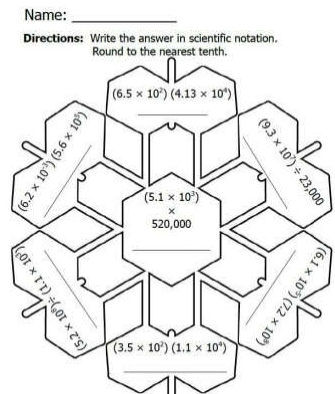
Note: Prep to class VIII .students will write their summer task in separate registers. All parents are directed to supervise their kids while doing summer task. All work should be written in neat and clean way properly. Summer task written by parents or tutors will not be accepted. Student's name ,class and subject should be mentioned on registers. Registers should be laminated properly.

Note: 5 Marks will be granted for each subject. Summer Task should be submitted before 31st of August , 2026. Late submission will not be entertained.

Subject	Syllabus
Science	1 Draw the structure and function of neuron on register. 2 Draw the labeled diagram of human brain on register. 3 Complete activity 3.1 on your register. 4 Draw periodic table on your register and write its salient feature. 5 Draw different groups of periodic table. 6 Draw table of first eighteen elements of periodic table. 7 Collect any five metals and non metals from your home and paste on your register. 8 Collect convex and concave mirror and write 5,5 uses of them <p align="center"><u>Project work</u></p> Make a simple electric circuit using led 3v, cell box, 2 cells 1.5v, connecting wire. Make working model of hydraulic lift.
Social studies	<p align="center"><u>Part -1 Answer the following questions</u></p> Q 1 Discuss characteristics of some important Oceans?(Geo CH# 1) Q- 2 what are the causes of ocean currents?(Geo CH# 1) Q- 3 How oceans act as the source of food?(Geo CH#1) Q- 4 write educational services of Sir Syed Ahmed khan?(History CH#2) Q- 5 write a note on East India Company?(History CH# 1) Q 6 Write down the Doctrine of Lapse and its effects?(History CH#1) <p align="center"><u>Part -2 (Activities)</u></p> 1. Explain the relationship of moon with spring and neap tides on chart (Geo page 7) 2. Make the map of Battle of Plassey on chart(History page 5)
English	Q.1. Define the following parts of speech with their kinds and examples. Noun, pronoun, verb, adverb, adjective, interjection, preposition, conjunction Q.2. Define the following figures of speech with examples. Simile, metaphor, personification, alliteration, assonance, hyperbole, onomatopoeia. (5 examples for each) Q.3. Write 10 sentences (simple) 10 sentences(interrogative) and change then into indirect speech. Q.4. Choose 10,10, difficult words from the following units and use them in sentences. Unit 5 Sports and Sportsmanship Unit 6. Hazrat Umar (R.A). Q.5. Write an essay on "Importance of Humility in Personality."

Maths

- Q.1.** Compare your approximated value with accurate value also find an approximation error.
 i) $3.78 \div 1.98$ ii) $\frac{1.33+8.95}{5.36}$ iii) $\frac{330 \times 7.62}{2.53}$
- Q.2.** Identify which of the following fractions are terminating and which are recurring also represent these on real line.
 i) $\frac{16}{20}$ ii) $\frac{4}{5}$ iii) $\frac{25}{2}$ iv) $\frac{-53}{3}$
- Q.3.** Find the square root of the following by prime factorization
 i) $1\frac{13}{36}$ ii) 29241 iii) 12.25 iv) $\frac{196}{441}$
- Q.4.** Find the square root of following by Division Method.
 i) 50625 ii) $5\frac{41}{64}$ iii) 0.5184 iv) 1866.24
- Q.5.** Solve the following questions:
 i) The length of square shaped field is 36m. Find the area of the square field.
 ii) The cost of the ploughing in a square field is Rs. 2450 at the rate of Rs 2 per 100 sq. Meters. Find the length of the side of the square.
 iii) If the volume of cube shape is 3375 cm³, then what is the measure of the edge of the cube.
- Q.6.** Verify De Morgan's Law If
 i) U=N, A= and B=P
 ii) U = {1, 2, 3, ..., 15}, A = {1, 3, 5, 7, 9, 11, 13} and B = {2, 4, 6, 8, 10, 12, 14}
- Q.7.** Write the power set of the following sets.
 i) {a, b, c} ii) {+, -, ×, ÷} iii) {-1, 1}
- Q.8.** For the given sets, verify the following laws through venn diagram
 i) The set N and Z ii) The set E and O
 (a) Associative law of union of sets (b) Associative law of intersection of sets
- Q. 9.** Explain the following terms.
 i) Define set builder notation
 ii) Define Venn diagram
 iii) Write commutative laws of union and intersection on sets
 iv) Define terminating and non-terminating numbers
 v) Define approximation error.
- Q. 10.**



Computer

- Short Questions**
1. What are some of the applications of AI?
 2. How can you create a hologram at home?
 3. What makes 5G better than previous generations?
 4. What is the main purpose of using computer-assisted translation?
 5. What is coaxial cable?
 6. Write the names of 10 devices or applications that use Artificial Intelligence in daily life.
 7. What is the difference between Wi-Fi and Li-Fi?
 8. Why are computer networks necessary?
 9. Define encoder and decoder.
 10. Perform a calculation using SUM and AVERAGE functions.
- Long Questions**
11. Write a detailed note on wireless transmission media.
 12. What is the difference between Virtual Reality and Augmented Reality?
- ☑ Activities
13. Make a chart showing: LAN, MAN, WAN.
 14. Paste or draw pictures of modern technologies and write one line about each.
 15. Open MS Excel and create a worksheet containing: Student Names, Marks, Total, and Percentage.
(Send Q#15 to unreachable613@gmail.com — Not Compulsory if you don't have laptop/PC)
 16. Imagine your life in the year 2050 .write 10 sentence about future technology.
 17. (Unit# 1,2,3 learn all Questions)

