

DAV SE.SEC PUBLIC SCHOOL JHINGURDA

SUMMER VACATION ASSIGMENT 2025-26

CLASS VIII

SCIENCE:

- (1) Differentiate with neat labeled diagrams of the plant cell and animal cell .
- (2) Draw neat diagrams of the cells of different shapes.
- (3) State the composition & uses of some well known alloys.

विषय -हिंदी

प्रश्न 1. पाठ 1 और 2 में से पाँच-पाँच संज्ञा, सर्वनाम और विशेषण शब्द छाँटकर लिखिए।

प्रश्न 2. पाठ 1 से 5 तक के कठिन शब्दों को छाँटकर लिखिए।

प्रश्न 3. पाठ 1 से 3 में से अनुस्वार एवं अनुनासिक शब्द छाँटकर लिखिए।

प्रश्न 4. पाठ 1 और 2 में से संज्ञा छाँटकर व्यक्तिवाचक, जातिवाचक एवं भाववाचक शब्दों में वर्गीकृत कीजिये।

प्रश्न 5. गद्य खंड से 10 मुहावरें छाँटकर लिखिए और उनके वाक्य बनाइए ।

प्रश्न 6. पाठ 1 और 2 में आए तत्सम और तद्भव शब्दों को खोजकर लिखिए।

प्रश्न 7. मित्र को जन्मदिन की बधाई देते हुए पत्र लिखिए।

प्रश्न 8. अपने मोहल्ले के पार्क की सफाई करवाने हेतु नगर निगम अधिकारी को पत्र लिखिए।

प्रश्न 9. अपने मित्र से 'स्वच्छ वातावरण' से संबंधित बातें करते हुए संवाद लिखिए।

प्रश्न 10. पाठ 1 से 5 तक के संयुक्त व्यंजन वाले शब्द खोजकर पाँच-पाँच शब्द लिखिए।

ICT:

| CLASS | CHAPTER | ACTIVITIES | ON A4 SHEET |
|-------|---------|---|---|
| 3 | 1 | Do all activities in your computer copy | Draw picture of Mouse,Keyboard,cpu & Monitor. |
| 4 | 1 | Do all activities in your computer copy | Draw picture from page no.5 & color,labeling them. |
| 5 | 1 | Do all activities in your computer copy | Prepare a comparion table of RAM & ROM. |
| 6 | 1 | Do all activities in your computer copy | Draw a picture as given page no.11. |
| 7 | 1 | Do all activities in your computer copy | Prepare a comparion table of all generations of computer. |
| 8 | 1 | Do all activities in your computer copy | Draw a picture of all Network (LAN,MAN,WAN) |

SOCIAL SCIENCE:

Answer the following questions in Holiday HW Copy.

1. Explain any five sources of information of modern period?
2. Write the important features of Gandhi smriti at Rajghat (New Delhi)
3. What do you mean by Factories?
4. Name the things that were bought by the European traders at cheap rates from India.
5. Name the trading posts of East India Company in India.
6. Name the three presidency settlements of East India Company in India.
7. Mention the factors that helped the East India Company to start their rule in India?
8. What do you mean by Carnatic Wars?
9. Write a short note on Second Carnatic War.
10. What were the consequences of the Third Carnatic War?
11. Why did Siraj-ud-Daulah turned against the British?
12. Between whom and when was the Battle of Plassey fought.
13. Explain the consequences of the Battle of Plassey?
14. Mir Qasim was installed as the Nawab of Bengal by the British. Why did they turn against him?
15. Mention the consequences of the Battle of Buxar?
16. Who became the First Governor General of Bengal and when?
17. Name the territories occupied by Hyder Ali.
18. Differentiate between Potential and Actual resources?
19. Why Renewable resources are need of the hour?
20. Suggest any five ways to reduce the wastage of resources.
21. “The use of resources varies from one country to another”. Justify the statement.
22. How can you say that India has an Independent Judiciary?
23. What do you mean by Universal Adult Franchise?
24. What do you mean by ‘Rule of Law’? Explain.
25. Why Preamble is called the ‘Soul of the Indian Constitution’?
26. Write down Preamble and its key words.

Q.-(1) Write tense structures(72 formulas) by using single sentence of same pattern.

Q.-(2) Write the format of notice ,diary entry ,letter (Formal and informal) ,article and message writing.

Q.-(3) Write hundred verb forms from your grammar book and learn it.

Q.-(4) Draw the colourful flowcharts of chapters 1 ,2 ,3 respectively by describing important incidents and also mention the poetic devices used in Ch.(2).

Q.-(5) Describe your future plan to make your preparation more strong than earlier for upcoming examinations by using "Future tense" you can use 'Present and Past Tense' also if necessary.

HOLIDAY HOMEWORK MATHEMATICS

1. The least numbers which must be subtracted from 4360 to make it a perfect square.....
2. If $140\sqrt{x}+315=1015$, then x is equal to _____.
3. The value of $(0.9)^2 - (0.1)^2$ is _____.
4. The greatest number of 6 digit which is a perfect square is _____.
5. How many non-square numbers are there between 20^2 and 21^2 ?
6. How many square numbers are there between 1 and 50 .
7. How many zeroes are there in the cube of 1000? What is the sum of first six odd natural number?
8. 10. Find the square root of 144 by the method of repeated subtraction.
9. The area of a square field is 8281 m^2 . Find the length of its side.
10. Find the square root of $4\frac{53}{169}$
11. Simplify $(\sqrt{81}+\sqrt{0.81}+\sqrt{0.0081})\times\sqrt{10000}$
12. Find a Pythagorean triplet corresponding to $n=5$
13. Is 2352 a perfect square? if not, find the smallest number by which 2352 must be multiplied so that the product is a perfect square. Find the square root of new number.
14. 1225 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row.
15. Find the smallest number by which 3645 should be divided so as to get a perfect square. Also, find the square root of the number so obtained The students of Class VIII of a school donated Rs 2401 for Prime Minister National Relief Fund. Each student donated as many rupees as the number of students in the Class. Find the number of students in the Class.

16. Find the square root of 7 upto 3 decimal places.
17. Find the square root of $2\frac{1}{12}$
18. Find the square root of: 0.00126736 by division method.
19. A school collected Rs. 2304 as fees from its students. If each student paid as many rupees as there were students in the school, how many students were there in the school?
20. 2025 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row.
21. Find the approximate length of the side of a square whose area is equal to the area of a rectangle, with sides 15cm and 16cm

Find the square root 90 by Estimation method.

22. The area of a square field is 5184 m^2 . A rectangular field, whose length is twice of its breadth, has its perimeter equal to the perimeter of the square field. Find the area of the rectangular field.

23. The cost of leveling a square field at Rs.15 per square metre is Rs.19935. Find the cost of fencing the field at Rs. 22 per m. The product of two numbers is 1296. If one of the number is 16 times other, find the number.

24. Find the three numbers in the ratio 2:3:5, the sum of whose square is 608. CH-
CUBES AND CUBE ROOT

25. What is the ones digit in the cube of 38 ?

26. Find the sides of a cubical box whose volume is 64 cm^3 .

27. Is the cube of 4913 an odd number? Why?

28. Find the cube root of 0.064.

29. $1 \text{ km}^3 = \underline{\hspace{2cm}} \text{ cm}^3$.

30. The cube of any multiple of 3 is always divisible by .

31. Find the cube of 0.2.

32. Is 9000 a perfect cube?

33. By which smallest number should 42592 be divided so that the quotient is a perfect cube?

34. By which smallest number should 704 be divided to obtain a perfect cube?

35. Show that 384 is not a perfect cube.

36. By which smallest number should 648 be multiplied so that the product is a perfect cube?

37. Find the number whose cube is 27000.

38. Find the cube of square of 0.2.

39. Find the cube root of $27 \times (-2744)$

40. Show that 0.001728 is a cube root of a rational number

41. Multiply 10584 by the smallest number so that the product is a perfect cube.

42. Find the cube root of the number 110592 by the estimation method.

43. Evaluate: $\sqrt[3]{3375 \times (-729)}$

44. Find the volume of a cube, one face of which has an area of 81 m^2 ?

45. If the surface area of a cube is 486 cm^2 , find its volume

SANSKRIT: