D A V Public School, Gandhi Nagar (CCL), Ranchi
Holiday Homework
2024 - 2025
Class - VIII

Subject- English

Q1.   Answer the following questions briefly:(3x3)
   a) What is the narrator's hobby? Why does he consider it 'out of the ordinary' ?
   b) Why did the narrator find the behaviour of the woman standing outside the Regnier's strange ?
   c) Why is the poem titled ' The Children 's Song'?

Q2.   Read the following extract and answer the questions:(4)
   'First,let me introduce myself. My name is William Morris. I am a very
   Ordinary man except that I use my eyes and my common sense more than most people do. My hobby Is
   perhaps a little out of the ordinary. It is the study of crime and criminals.'
   a) The narrator introduces himself as_
     (i)   Nicholas Bentley   (ii)   William Morris
     (iii)   William Nicholas   (iv)   None of the above
   b) The narrator's hobby is to
     (i)   study about crime and criminals   (ii)   collect different types of ornaments
     (iii)   sleep   (iv)   none of the above
   c) The narrator's pastime is
     (i)   to watch people and observe how they behave
     (ii)   to observe animal's and bird's behaviour
     (iii)   to watch TV   (iv)   both (i) and (ii)
   d) The narrator had made a study of crime stories for the past how many years ?
     (i)   Twenty years   (ii)   Thirty years
     (iii)   Eleven years   (iv)   Ten years

Q3.   Join the following sentences using the linker given in the bracket against each sentence.(4)
    (a)   The teacher was not in the staff room. I came back.   (Linker of reason)
    (b)   Manan will visit their house. He wants to discuss his problem with them.   (linker of purpose)
    (c)   Complete your class work .You cannot leave for your home . (Linker of time)
    (d)   Ajay is a strict vegetarian .He will have serious problems in China.   (linker of condition)

Q4.   Read the following sentences and identify the main clause (MC) and the subordinate clause (SC) in each of
   the sentences.(4)
    (a)   She thought that she was safe there.
      MC: _____.   SC:_____.
    (b)   The CCTV footage proved that the man had stolen the cash.
      MC:_____.   SC:_____.
    (c)   I think that you need to meditate.
      MC:_____.   SC:_____.
    (d)   Tell me how you solved this problem.
      MC:_____.   SC:_____.

Q5.   Rearrange following words and phrases to make meaningful sentences:(4)
    (a)   laws /must abide/we/ by /the/ of/ our country
    (b)   if / follow /we/ them/ sincerely/good citizens/ we/ are
    (c)   must/ adhere to/ the traffic rules/ we /strictly
    (d)   meant /they/are/ our/ for/ safety

Subject- Mathematics

Select one correct option for each of the following questions.

1. A perfect square number does not end with
   - a. 2
   - b. 5
   - c. 6
   - d. 9
2. Square root of 90000 is.
   - a. 30
   - b. 300
   - c. 3/10
   - d. 3/100
3. $91^2 - 90^2 =$
   - a. 180
   - b. 182
   - c. 281
   - d. 181
4. How many non-perfect square numbers exist between 15^2 and 16^2
   - a. 15
   - b. 30
   - c. 16
   - d. 32
5. Which of the following is a perfect cube?
   - a. 1500
   - b. 1000
   - c. 1600
   - d. 1700
6. Cube root of -1331 is
   - a. 11
   - b. -11
   - c. 13
   - d. -13
7. By what number will you multiply 64 to make it a perfect cube
   - a. 2
   - b. 4
   - c. 6
   - d. 8
8. The value of $3^{-5} \times 3^6$ is
   - a. 3^{-11}
   - b. 3^{-1}
   - c. 3
   - d. 3^0
9. The value of $3^0 + 3^0 + 3^0 + 3^0$ is.
   - a. 3
   - b. 1
   - c. 4
   - d. 2
10. multiplicative inverse of 10^{-100} is.
    - a. 10^{-100}
    - b. $1/10^{-100}$
    - c. 10^{-10}
    - d. $1/10^{-10}$

11. Find the greatest 6-digit number which is a perfect square.

12. What is the least number that must be subtracted from 7250 to get a perfect square? Also, find the square root of this perfect square.

13. What is the least number by which 12348must be divided to obtain a perfect square?

14. The value of $\sqrt{0.000441}$

15. Solve $\sqrt{900} + \sqrt{0.09} + \sqrt{0.000009}$

16. The value of $\sqrt{5 + \sqrt{11 + \sqrt{19 + \sqrt{29 + \sqrt{49}}}}}$

17. Simplify $\sqrt{\dfrac{0.081 \times 0.484}{0.0064 X 6.25}}$

18. Find the sum of $\sqrt{0.01} + \sqrt{0.81} + \sqrt{1.21} + \sqrt{0.0009}$

Note

Solve the questions in A4 size xerox paper sheets on both sides. Write question before solving every question.

Subject- ICT

Q1. Write the names of the devices that uses wireless signals in day to day life.
Q2. List the types of cables used in a Networking. Also write their advantages and disadvantages.
Q3. Draw a computer network and label its components in a chart paper.

Subject- Science

Chemistry

1. (a) Differentiate between mineral and ore.
   (b) Name the ore of aluminium and iron.
2. What is meant by metallurgy? Explain the various steps involved in metallurgy.
3. Explain the following terms:-
   (a) Malleability   (b) Ductility   (c) Sonorosity   (d) Lustre
4. Differentiate between metal and non - metal on the basis of physical properties.
5. Answer the following questions:-
   (a) Name the metal and non-metal which occur in liquid state.
   (b) Name the metal having very low melting point.
   (c) Write native state of carbon.
   (d) Name the most ductile metal.
   (e) Metals which can be cut with knife.

Physics

1. What is a chapati maker ? What effect of force comes into play during its working?
2. Two persons are applying forces on two opposite sides of a moving cart. The cart still moves with the same speed in the same direction. What do you infer about the magnitudes and direction of the forces applied ?
3. Two thermocol balls held close to each other move away from each other when they are released. Name the force which might be responsible for this phenomenon. Explain.
4. Fruits detached from a tree fall down due to force of gravity. We know that a force acts due to interaction between two objects. Name the objects interacting in this case.
5. An archer shoots an arrow in the air horizontally. However , after moving some distance, the arrow falls to the ground .Name the initial force that sets the arrow in motion. Explain why the arrow ultimately falls down.

Biology

1. Name the following.
   (i) The spindle shaped cells present in human body.
   (ii) The organelle of a plant cell where photosynthesis takes place.
   (iii) An organism which has the smallest cell.
   (iv) The plant organ which is responsible for absorption of water and minerals.
   (v) One prokaryotic and one eukaryotic cell.
2. (a) What is cytoplasm? What is its function?
   (b) What is protoplasm? Name the four elements which make up major part of protoplasm.
3. State three difference between a plant cell and animal cell.
4. Short Answer Questions.
   (i) Why are nerve cells long and have branches?
   (ii) What is the function of cell wall in a plant cell?
   (iii) What is a plastid? What is the name of green plastids present in plant cells.
5. Make a model of animal cell.

Subject- Social Science

1. Prepare a chart paper of RESOURCE PLANNING.
2. Prepare a chart paper of PREAMBLE OF CONSTITUION OF INDIA
   (ON FULL SIZE CHART PAPER).

Subject- Hindi

1. निम्नलिखित शब्दों में अनुस्वार तथा अनुनासिक का प्रयोग कीजिए।
   अगूर, सवाद, साप, चाद, जाऊगा, मज़िल, आगन भावनाए, पसद, गाव, खिड़किया, कुआ, हस ।

2. निम्नलिखित का तत्सम एवं तदभव रूप लिखिए।
   आँख, कान, गाँव, दुख, आश्चर्य, काम, दोष मोर, सूरज, जिह्वा, काठ, दही, नींद, आँसू, खेत खीर, गृह, पलंग

3. निम्नलिखित मुहावरों का वाक्य में प्रयोग कीजिए ।
   फूला न समाना, कान भरना, दंग रह जाना, उल्लू सीधा djuk

4. निम्नलिखित में से किन्हीं दो विषयों पर निबंध लिखिए
   1. पर्यावरण प्रदूषण
   2. प्राकृतिद आपदा
   3. मेरा प्रिय R kgkj

Subject- Sanskrit

1- drkZdslkFk fdzk tksMj ikp ydkjkaea/kkr¢i fy[kA
        LFkkjik]dkM]ue~]vl~

2- DRok,oaY;i~iR;;adsnl nl mnkgj.k fy[kA

3- ,d ijs.kkk dkd dgkuh fp= cukdj fy[kA