



DAV PUBLIC SCHOOL

JEHANABAD



SUMMER VACATION HOMEWORK 2026-27

Subject : S.Sc

1. Differentiate between the physical and the biological environment.
2. Why is the earth called the 'Blue Planet'?
3. Define biosphere. Why is it important for us?
4. Which period is known as the medieval period in European history?
5. List the well-known literary sources of information of the medieval period.
6. Name the foreign visitors who wrote travel accounts of medieval period of India.
7. List the technological developments of the medieval period.
8. List the important steps taken by the Indian government for the benefit of the weaker sections of society.
9. List the factors that create inequalities and hamper the success of democracy.
10. Why have the benefits of reservation not reached everyone? Suggest two steps that can ensure development of all sections of the Indian society.
11. Explain " Multi Party System" in india
12. Value based question.

Omprakash is a student of government school in Maharashtra. He is made to sit away from the others in the class and that too on the floor. Sometimes he is forced to sweep the school and the playground. He is given left-over mid-day meal, that too not every day. One day his father was passing by the school and saw his son sweeping. He confronted the teachers and said loudly for all of them to hear, "You are a teacher, so I am leaving now. But remember his son will study right here in this school and not just him, but there will be many more coming after him."

Do you think Omprakash was treated unfairly?

Imagine yourself as Omprakash and write three lines about how you would feel if you were in the same situation as he.

13.
 - i. Do you extend a helping hand to the people who are not as fortunate as you are? If yes, how? If no, what is your future plan?
 - ii. India, today, is producing more trained manpower than the whole Europe but unfortunately India is also the leader in illiteracy, social and economic inequalities. How can education bring about a society that is free from social and economic inequalities? Discuss these problems in the class and try to find out some effective and practical solutions.

- iii. The government has launched a number of poverty alleviation programmes and income generating programmes. But poverty continues. Give reasons-
- (a) Inadequacy of the Schemes
 - (b) Poor Implementation of

14. Map Skill

- i) On a political map of the world, identify and locate the countries visited by Marco Polo.

15. On an outline map of the world, show the given National Parks.

- a. Gir National Park-India
- b. Jim Corbett National Park-India
- c. Yellowstone National Park-USA
- d. Serengeti National Park-Tanzania
- e. Fiord land National Park-New Zealand

Subject : SCIENCE

1. Draw the label diagram of
 - a. Digestive system of Human.
 - b. Digestive system of Ruminants (Cow).
2. Write the organs of Alimentary canal.
3. Show the photosynthesis by a label diagram.
4. Write the difference between temporary teeth and permanent teeth.
5. Prepare mind map of Mode of Nutrition.
6. Write the function of
 - a) Salivary gland b) Pancreatic juice c) Liver

Subject : English

1. Why did the narrator follow Aunt Ruby and Rocky secretly to the jeweller's shop? What reason did Tutu have following them?
2. Why do you think some guests were not seen for several days after the wedding?
3. Do you like Tutu? If given a chance, would you like to keep her as a pet?
4. Why does the bird refuse to accept the various comforts offered by the child? Discuss.
5. Why does the child call the bird 'birdie'? Why does the child use the word 'birdie' twice?
6. The child in the poem realises that the bird cannot be lured. She has her own priorities in life. Freedom is equally important to her. The child decides to share the conversation between her and the bird with her friend through a letter. Write the letter in not more than 120 words.
7. Write rules of using article 'the' given in your English Practice book. (Ch. 1)
8. Write five exclamatory sentences.
9. Define Verb & Adverb with the help of some examples.
10. Write at least 20 verbs with their different forms on a chart paper.

Subject : MATHEMATICS

1. Simplify: $-3/10+12/-10+14/10$
2. For $X=1/10$, $Y=-3/5$, $Z=7/20$ Find the value of the expression $(x-y)-z$ and $x-(y-z)$. Are they equal?
3. Check if the reciprocal of $-1/5$ is -5 ?

4. Divide $7/3$ by $5/3$.
5. The product of two rational number is $-3/7$. If one of the number is $5/21$, find the other number?
6. Arrange in ascending order.
 $-3/10, 5/7, -7/10, 9/15 -2/5$
7. What number should be subtracted from -1 so as to get 1 ?
8. Multiply $7/5$ by $-10/3$
9. If $X= 2, Y= 3,$ and $Z=4$ then find, the value of $X \times (Y+Z)$?
10. Kavita along with her family was planning a vacation at a hill station. But they were confused where to go. Kavita's mother asked her to find out the maximum temperature of few hills station for deciding on the place to visit . She check the weather report on the internet and found that-
Simla's temperature= $-7/2^{\circ}\text{C}$
Dalhousie temperature= -5°C
Manali's temperature= $-8/5^{\circ}\text{C}$
 - a) Which place will they decide to visit?
 - b) Arrange the temperature of these hills in ascending order.
 - c) What value is exhibited in the above situations?

Subject : COMPUTER

1. Explain the Scratch program.
2. Name the blocks of blocks pane.
3. Define three rotation styles of scratch program?
4. What is control block?
5. Name any three block of control block?
6. What is the use of 'if on edge, bounce' block?
7. What is the use of 'repeat' block?
8. Write the program of page no- 30 (using repeat) and explain its output.
9. Write the program of hands on of page no- 31 and explain its output.
10. Draw the window of Scratch program and label it.

विषय - हिन्दी

- प्रश्न -१- 'नाटक में नाटक' पाठ के लेखक का नाम लिखें।
- प्रश्न -२- अपने पाठ्य पुस्तक से कोई एक कविता लिखे एवं याद करें।
- प्रश्न -३- 12 भारतीय महीना के नाम लिखें।
- प्रश्न- 4 - वर्षा ऋतु में क्या-क्या होते हैं?
- प्रश्न -5- राकेश ने नाटक में स्वयं अभिनय क्यों नहीं किया?
- प्रश्न- 6- राकेश के साथी अभिनय के मामले में कैसे थे?
- प्रश्न- 7- पांच जातिवाचक संज्ञा लिखें।
- प्रश्न- 8- तीन संयुक्त अक्षर लिखकर उसका वर्ण विच्छेद करें।
- प्रश्न- 9- अल्पप्राण और महाप्राण की परिभाषा उदाहरण सहित लिखें।
- प्रश्न -10- ग्रीष्मकालीन अवकाश में आप क्या करेंगे इस विषय पर अनुच्छेद लिखें।

विषय – संस्कृतम्

1. निम्नलिखितानि वाक्यानि स्म इति अव्यय पदस्य प्रोगेण भूतकाले परिवर्तयन्तु
शुकौ वदतः - त्वम् धावसि - वयं नमामः - सिंहः गर्जतिः - अवाम् चलावः -
2. निम्नलिखित वाक्यानां उपसर्गान् विभज्य लिखन्तु -
निर्मितवान् - विचार्य - विस्मरति- आगत्य- प्रतिदिनम् -
3. साधु शब्दरूपं लिखतु
4. स्था धातोः लङ् लकारस्य रूपं लिखतु
5. स्था धातो लङ् लकारस्य रूपं स्मरन्तु
6. स्था धातोः विधिलिङ् लकारस्य रूपाणि लिखन्तु?
7. हस् धातोः विधिलिङ् लकारस्य रूपाणि लिखन्तु?
8. पा धातोः विधिलिङ् लकारस्य रूपाणि लिखन्तु?
9. द्वितीयपाठस्य प्रश्नोत्तर पञ्चमः स्मृत्वा लिखन्तु?

विषय – नैतिक शिक्षा

1. आर्य समाज की स्थापना कब कहां और कैसे हुई ?
2. आर्य समाज की स्थापना का मुख्य उद्देश्य क्या था ?
3. किन गुणों को अपनाकर आप आर्य बन सकते हैं? सविस्तार उत्तर लिखिए?
4. जो लोग ईमान पर टिके नहीं रहते वह दूसरों का विश्वास खो देते हैं इस पंक्ति का अभिप्राय क्या है इसका उत्तर लिखें ?
5. इस कहानी में दादाजी ने कहा मेरी बहादुर बेटियां ईमान पर टिके रहने के लिए हिम्मत क्यों चाहिए इसका उत्तर लिखें?
6. क्या किसी व्यक्ति की प्रतिष्ठा उसके जीवन मूल्यों की अखंडता पर निर्भर करती है?
7. आर्य समाज का पांचवा नियम लिखें?
8. आर्य समाज का दसवां नियम लिखें?
