

DAV PUBLIC SCHOOL SECL KORBA
Summer Vacation Homework, 2024-25

CLASS- VIII

English

1. Make a Tense Chart describing all the forms of the Tenses with at least two examples in a full size chart paper (Refer to English Practice Book Chapter – 1)

Students are advised to do the project work as follows:

RN – 1 to 15- Future Tense

RN – 16 to 30 – Past Tense

RN – 31 to 45 – Present Tense

2. Write a diary entry narrating your summer holidays experience in your English Subject Enrichment Note Book.
3. On a chart paper design the poem “Granny’s Tree Climbing”. The design should be pleasant one. (Refer to the poem in English Literature Book)

Hindi

1. ‘मातृभाषा हिन्दी के महत्व’ पर एक अनुच्छेद 100–150 शब्दों में ए–4 साइज़ पेपर में लिखिए और ग्रीष्मावकाश का अनुभव डायरी लेखन को हिन्दी व्याकरण कॉपी में लिखिए।
2. उपसर्ग , प्रत्यय , अनुस्वार और अनुनासिक [^]*T 10–10 शब्द हिन्दी व्याकरण कॉपी में लिखिए।
3. ‘बसंत ऋतु’ पर एक कविता सचित्र ए–4 साइज़ पेपर में लिखिए।
4. ज्ञान सागर और अभ्यास सागर के पढ़ाए गए पाठ 1 ‘हम पंछी उन्मुक्त गगन के’ पाठ 2 ‘असल धन’ की लिखित और मौखिक पुनरावृत्ति कीजिए।

Sanskrit

- 1-‘सुवचनानि’ पाठ के समस्त श्लोकों को अन्वय सहित लिखें तथा आवश्यकतानुसार चित्र बनावें।
- 2-कोई एक प्राकृतिक दृश्य बनाकर पाँच पंक्तियों में चित्र वर्णन करें।

Holiday Home Work Mathematics -VIII

OBJECTIVE QUESTIONS

- Which of them is a perfect square?
a) 576 b) 941 c) 65 d) none of these
- Which of the following is not a perfect square?
a) 62500 b) 57600 c) 90000 d) 631473
- How many natural numbers be between 52 and 627
a) 9 b) 10 c) 11 d) 12
- Which of the following triplets are Pythagorean?
a)(8,15,17) b)(12,35,38) c) (14,48,51)
- Which of the following is the square root of 7056?
a) 86 b) 54 c) 84 d) 34
- Find the square root by prime factorization. i) 1764
- Find the smallest number by which 147 must be multiplied so that it becomes a perfect square. Also, find the square root of the number so obtained.
- A PT teacher wants to arrange maximum possible number of 6000 students in a field such that the number of rows is equal to the number of columns. Find the number of rows if 71 were left out after the arrangement.
- Find the square root of the following by the long division method.: 12544
- Find the least number which must be subtracted from the following number to make it perfect square 2361
- Find the least number which must be added to the following number to make it a perfect square 4931
- Find the square root of 84.8241 in decimal form.

ACTIVITY/PROJECT

Write the squares of the numbers 1 to 30.

Science

Physics

1. Multiple choice questions

[A] During dry weather, while combing hair, sometimes we experience hair flying apart. The force responsible for this is

- (a) Force of gravity.
- (b) Electrostatic force.
- (c) The force of friction.
- (d) Magnetic force.

[B] Which one of the following forces is a contact force?

- (a) Force of gravity
- (b) Force of friction
- (c) Magnetic force
- (d) Electrostatic force

2. Where do we apply a force while walking?

3. While sieving grains, small pieces fall down. Which force pulls them down?

4. It is difficult to cut cloth using a pair of scissors with blunt blades. Explain.

5. . It is much easier to burst an inflated balloon with a needle than by a finger. Explain.

Chemistry

1. Make a report on electricity consumption in your house. Suggest some ways that can help to reduce the consumption.
2. Do you think nuclear energy could be or could not be a better way of generating electricity as compared to fossil fuels. Prepare a report on this.
3. Find out the location of major thermal power plants in India. What could be the reasons for their being located at these places.
4. Answer the following questions.
 - i) Why is coal called non renewable source of energy?
 - ii) Write the full forms of CNG, LPG and PNG.
 - iii) Why is petroleum called black gold?
 - iv) What is refining of petroleum?
 - v) What are the products obtained from refining of petroleum?
 - vi) Write one use of each
 - a) Asphalt
 - b) paraffin wax
 - c) diesel
 - d) Kerosene
 - e) Petrol
 - vii) How do petroleum and natural gas occur in nature?
 - viii) State the main advantages of using natural gas.
 - ix) Why is CNG called a cleaner fuel?
 - x) Write differences between exhaustible and non exhaustible sources of energy.
 - xi) What are the elements present in coal?
 - xii) Name the gas which occurs over petroleum under the earth crust.
 - xiii) Name the fractions of petroleum which are used as fuels in automobiles.
 - xiv) Which gas is produced by complete burning of coal?
 - xv) What is the purest form of carbon?

Biology

Select any one project from the list.

1. Collect the names of the five vaccines along with names of the diseases against which they are given to humans. Submit it in a file with your personal details.
2. Imagine your self a person from health department and you have to convince some villagers to take some important vaccinations so that they can be saved from disease. Make a small skit and shoot a shoot video. Keep the video shoot in the pen drive.
3. Take some wheat flour and mix it with yeast powder (available in the market) and also add small amount of Luke warm water. Then make batter

Keep it for 5 hours then after write the changes take place in the batter. If possible take a snap shot . Now write the changes takes place in the batter and also write the reason.

Write above work in the science portfolio file.

Solve the given questions:

1. What are antibiotics? How do they kill the disease causing microbes?
2. What are antibodies and how and when are they produced?
3. What is sewage ? Explain the process of bioaugmentation.
4. List two useful aspects of microbes in your daily life.
5. Search internet five useful fungi and their benefits to humans.
6. Make a project on useful and harmful aspects of microbes Paste images related to it.

SST

Q 1. Write 10 famous slogans and their author used during the freedom struggle of India in your history notebook.

Q2. Write the preamble to the Constitutions of India in your notebook.

Q3. Prepare a booklet on the makers of Indians Constitution s- Dr. Rajendra Prasad, B. R. Ambedkar, Shyama Prasad Mukharjee, Jawahar Lal Nehru, T.T Krishnamachari, Sarojini Naidu, Shri vallabh Bhai Patel, abul Kalam Aaad

EXTRA QUESTION:

1. Define resources.
2. Name the tribe which is found in Africa.
3. Give some examples of man-made resources.
4. "there is enough for everybody's need and not for anybody's greed" who said this?
5. Name the two countries which are generating more wind energy than India.
6. Write two disadvantages of over irrigation.
7. "All biotic resources are renewable" Explain.
8. What are the 5 R'S which must be adopted to save the Earth from future deterioration?
9. In which year Indian National Congress was established?
10. Why did the Indian newspaper worry the British government?

ASSERTION AND REASON QUESTION:-

OPTION:-

- A. A and R both are correct. R is the correct explanation of A.
- B. A and R both are correct. R is not the correct explanation of A
- C. A is correct and R is wrong.
- D. A is wrong and R is correct

1. A- Solar energy is an inexhaustible resource.

R- It is resource which is always available and does not get exhausted by human activities.

2. A- Africa is a less developed Nation in spite of being rich in resources.

R- Most of the people in Africa are illiterate and unskilled.

3. A- The British passed the Vernacular Press Act 1878

R- This was done to repress the anti-government writing and propaganda.

4. A- India is a democratic state and a republic Whereas England in spite of being democratic is not a republic.

R- In India the head of the state is hereditary whereas in England the head of the state is elected head from amongst the peoples