Summer

Holiday

2025

Homework

Project

CLASS - VIII

ENGLISH

Express Yourself! Evolve! Explore! Be The Change!

Life is all about choosing something over the other. We find it quite confusing as to what we really want in life and what exactly should be our focus. This summer, the English assignment will help you to think what exactly are the top most concerns today.

1. Write an article on '' Media: Impact on Teenagers' for your school magazine.

2. Prepare tenses chart in the copy. Write five sentences of each kind of tenses.

3. You are Nandita/ Nand the General Secretary of your school. Write a notice about   an educational tour to Delhi. Give all necessary details.

4. Read any English newspaper and paste any news article   in the copy. Write new words from it and find meaning from dictionary.

SUB –MATHEMATICS   **CLASS – VIII**

CH-1.SQUARES AND SQAURE ROOTS

1 Mark Questions

1. The least numbers which must be subtracted from 4360 to make it a perfect square is ___.

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 4 digit which is a perfect square is_____.

5. The least square number which is exactly divisible by 10,12,15 and 18 is ____.

6. How many non-square numbers are there between 20^2 and 21^2 ?

7. How many square numbers are there between 1 and 50 .

8. How many zeroes are there in the cube of 1000?

9. What is the value of $\sqrt[2]{176 + \sqrt{2401}}$

10. What is the sum of first six odd natural number?

2 Marks Questions

1. Find the square root of 144 by the method of repeated subtraction.

2. The area of a square field is 8281 m^2. Find the length of its side.

3. Find the square root of $4\frac{53}{169}$

4. Simplify $(\sqrt{81}+\sqrt{0.81}+\sqrt{0.0081}) \times \sqrt{10000}$

5. Find a Pythagorean triplet corresponding to n=5.
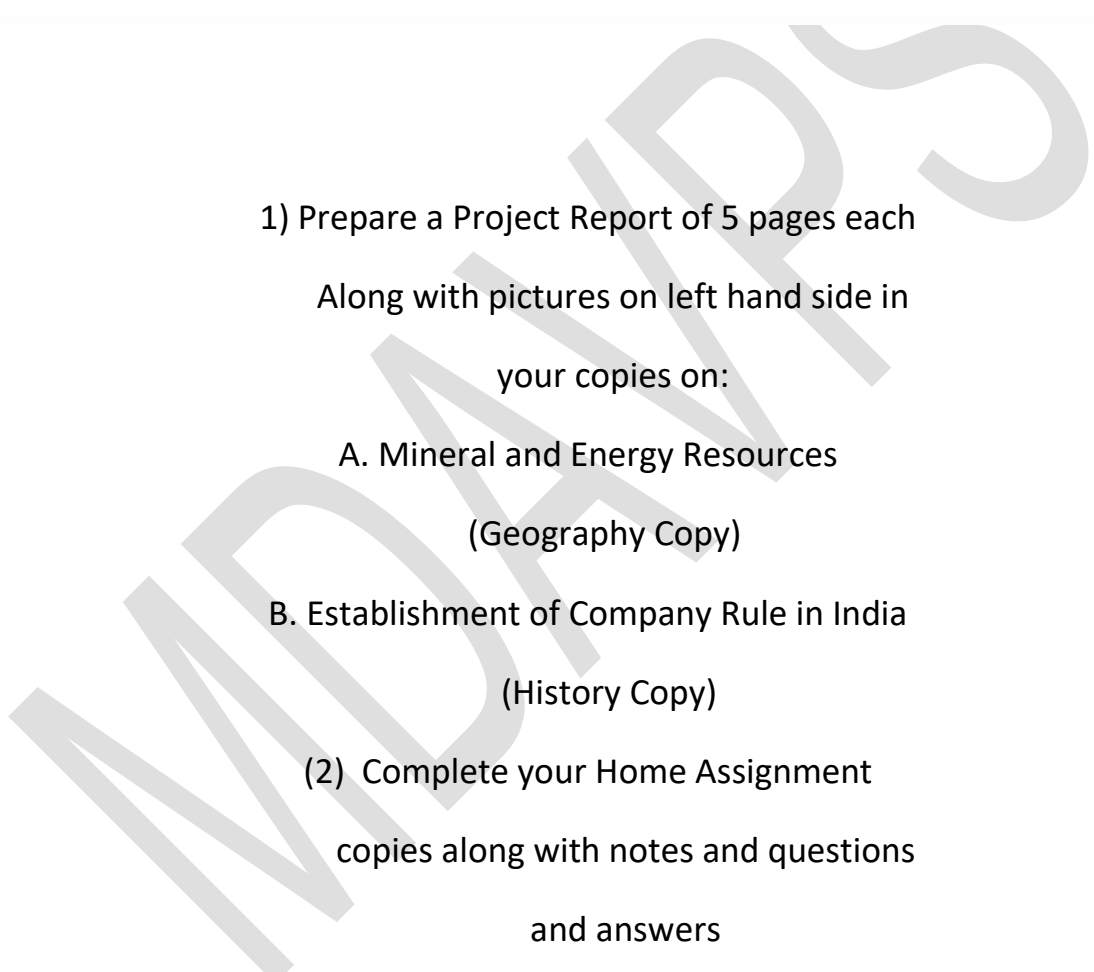
6. Is 900 a perfect square? How?

3 Marks Questions

1. Find the smallest number by which 1800 must be multiplied so that it becomes a perfect square. Also find the square root of the perfect square so obtained.
2. 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.
3. 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.
4. 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.
5. Find the square root of 7744 by prime factorization method.
6. Find the square root of 39204.
7. Find the greatest four digit number which is a perfect square.

8. For each of the following numbers, find the smallest number by which we divide it so as to get a perfect square. Also find the square root of the square numbers so obtained.

    (a) 37845   (b) 2800   (c) 45056

9. 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

SOCIAL SCIENCE

1) Prepare a Project Report of 5 pages each

Along with pictures on left hand side in

your copies on:

A. Mineral and Energy Resources

(Geography Copy)

B. Establishment of Company Rule in India

(History Copy)

(2) Complete your Home Assignment

copies along with notes and questions

and answers

(3) Learn all the content taught till date

हिंदी

समय इतनी तेज़ी के साथ दौड़ता है कि लगता है पकड़ना असंभव है, किंतु योजनाबद्ध तरीके से जीवन जीने वालों के लिए कुछ भी मुश्किल नहीं है।

गर्मियों की छुट्टियों का सदुपयोग करते हुए क्यों ना आप भी कुछ ऐसा करें, कि समय भी आनंदपूर्वक कट जाए और आप लाभांवित भी हों। तो हो जाइए तैयार एक रोचक परियोजना कार्य करने के लिए।

विषय-1कैसी हो शिक्षा? शिक्षा के बदलते स्वरूप को बताते हुए एक अनुच्छेद अपनी कॉपी में लिखिए

इस परियोजना को निम्नलिखित संकेत बिंदुओं के आधार पर करें-

2.डिमांड ड्राफ्ट (DD) एक वित्तीय उपकरण है जो बैंक द्वारा जारी किया जाता है और इसका उपयोग एक व्यक्ति से दूसरे व्यक्ति में पैसे ट्रांसफर करने के लिए किया जाता है। यह चेक की तरह ही होता है, लेकिन यह सुरक्षित होता है क्योंकि इसमें पहले से ही भुगतान कर दिया जाता है।

विषय:-नजदीकी बैंक से डीडी फार्म लाकर उसे भरकर स्क्रैपबुक में चिपकाएँ और उस पर अपना काल्पनिक नाम एवं काल्पनिक पता अकाउंट नंबर भी डालें।

3दिए गए संकेत को ध्यान से पढ़िए और अपनी कल्पना के आधार पर कहानी को पूर्ण करें_

बारिश हो रही थी मैं बारिश का मज़ा लेते हुए जा रहा था। तभी सामने भीड़ दिखी मैं रुक गया मैंने देखा कि…
… …

4 आपका मित्र आपके घर के पास ही रहता है आपके मित्र ने आपके घर के सामने अपना कूड़ा डाल दिया है आपके और आपके मित्र के बीच हुए कूड़े से संबंधित संवाद कॉपी में लिखिए।

Science is a systematic study of knowledge that encompasses the natural and social world. It involves observation, experimentation, and evidence-based reasoning to understand the workings of the universe. Through science, we discover new technologies, solve problems, and improve our quality of life. From the laws of physics to the complexities of biology, science helps us unravel the mysteries of the world around us. It fosters curiosity, critical thinking, and innovation, driving human progress and shaping our future. Science is a powerful tool that enables us to explore, understand, and protect our planet and its resources.

Microorganism: Friend and Foe
Worksheet

1. _____ Was the first scientist to describe microorganism.

   (a) Edward Jenner   (b) Alexander Fleming   (c) Louis Pasteur (d) Antonie Van Leeuwenhoek

1) Which of the following is not responsible for spoilage of food?
(a) algae   (b)fungi   (c)bacteria   (d)chemicals

2) Which of the following is a biological nitrogen fixer?
   (a)housefly   (b)fungi   (c)blue-green algae   (d)protozoa

3) Edward Jenner discovered the vaccine for_____
   (a) cholera   (b) smallpox   (c)tuberculosis   (d)polio

Fill in the blanks:
4) The ability of one's body to resist a disease is known as _____
5) Microorganism help recycle_____back into the soil.
6) Bacteria _____cause food poisoning.
7) Sodium benzoate is a common food_____.

State whether the following statements are true or false:

1. Nitrogen fixation is done by viruses.   _____
2. Yeast is used to make alcoholic drinks by fermentation.   _____
3. All viruses cause diseases and are parasites.   _____
4. Anopheles mosquito carries germs of malaria.   _____

Write one word for the following:

1. Organism which can be seen only under a microscope.   _____
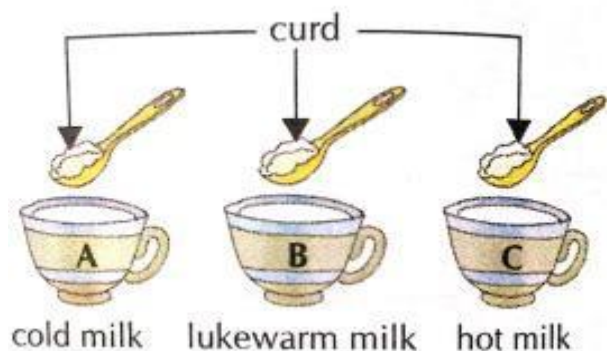
2. Process of making an object free from germs.   _____

3. Disease causing microbes.   _____

4. Study of microorganism.   _____

Practical skills:

In the following Activity:

1. Curd is formed only in_____.

     (a)cup A   (b)cup B

   (c)cup C   (d)all three cup

2. Curd is not formed in cup C because bacteria are_____

     (a) active   (b) inactive

     (c) killed   (d)none of these

Write one word for the following:

1. Organism which can be seen only under a microscope.   _____
2. Process of making an object free from germs.   _____
3. Disease causing microbes.   _____
4. Study of microorganism.   _____

-Name any two antibiotics.

_____   _____

-Why should we always wash our hands before handling food items?

-Prepare a project on microorganisms their uses as friends and harm as foes. In supportive to the text paste colorful photographs of microorganisms in science notebook.

General instructions

1.Home work has to submitted within one week of school reopens.

2.Please encourage your ward to read newspaper, books, or story books.

3.Students has to do project work in Scrapbook.

4.HOMEWORK COMPLETION IS MANDATORY FOR ALL THE STUDENTS

ग्रीष्मावकाश संस्कृत गृहकार्यम्

1. "सुवचनानि" पाठस्य श्लोकान् हिन्दी भावार्थ सहितं लिखन्तु स्मरन्तु च ।

2. उपसर्गं योजयित्वा दश दश संस्कृतवाक्यानि प्रयोगं कृत्वा लिखन्तु।3. पृष्ठ संख्या 151 -156 पर्यन्तम् प्रदत्तचित्राधारितं पंच पंच संस्कृ तवाक्यै: चित्र वर्णनं कुरुत।

General Instructions

1.Home work has to submitted within one week of school reopens.

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4.Homework completion is mandatory for all students.