

SUMMER VACATION HOMEWORK FOR CLASS VII
SESSION 2021-2022

➤ **MATHEMATICS**

CLASS VII(A+B)

1. Take five pair of integers and verify commutative property of addition of integers.
2. Take five pair of integers and verify associative property of addition of integers.
3. Write down a pair of integers whose sum is -9.
4. Write down a pair of integers whose difference is -12.
5. Suppose we represent the distance above the ground by a positive integer and that below the ground by a negative integer, then answer the following:
 - (i) An elevator descends in to a mine shaft at the rate of 5 metre per minute. What will be its position after one hour?
 - (ii) If it begins to descend from 15 m above the ground ,what will be its position after 45 minutes?
6. In a class test containing 15 questions , 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer.
 - (i) Gurpreet attempts all questions but only 9 of her answers are correct. What is her total score.
 - (ii) Aman attempts all questions but only 5 of his answers are correct. What is his total score.
7. Starting from $(-3) \times 4$, write various product showing some pattern to show $(-3) \times (-3) = 9$.
8. For any three integers a,b and c show that
 - (i) $a \times (b+c) = a \times b + a \times c$
 - (ii) $a \times (b-c) = a \times b - a \times c$
9. A shopkeeper earns a profit of Re 1 by selling one pen and incurs a loss of 40 paise per while selling pencil of her old stock.
 - (i) In a particular month she incurs a loss of Rs 5. In this period she sold 45 pens. How many pencils did she sell in this period?
 - (ii) In the next month she earns neither profit nor loss. If she sold 70 pens , how many pencil did she sell ?
10. In a test 5 marks are given for every correct answer and (-2) marks are given for every incorrect answer. (i) Radhika answered all questions and scored 30 marks though she got 10 correct answers. (ii) Jay also answered all questions and scored (-12) marks though he got 4 correct answers. How many incorrect answers had they attempted?
11. Write five pair of integers (a,b) such that $a \div b = -4$. One such pair is (8,-2) because $8 \div (-2) = -4$.
12. Verify that $a \div (b + c) \neq (a \div b) + (a \div c)$ for each of the following values of a,b and c.
 - (i) a= 12, b= -4 , c=2
 - (ii) a =-10, b= 1, c=1
13. Find the product using suitable properties:
 - (a) $26 \times (-48) + (-48) \times (-36)$
 - (b) $8 \times 53 \times (-125)$
 - (c) $15 \times (-25) \times (-4) \times (-10)$
 - (d) $(-56) \times 104$
 - (e) $625 \times (-35) + (-625) \times 65$
 - (f) $9 \times (100-8)$

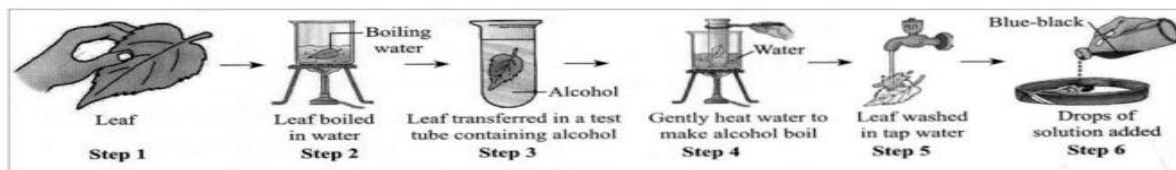
14. Water level in a well was 20m below ground level. During rainy season, rain water collected in different water tanks was drained in to the well and the water level rises 5 m above the previous level. The wall of the well is 1m 20cm high and a pulley is fixed at a height of 80cm. Raghu wants to draw water from the well. What is the minimum length of the rope that he can use ?

15. Write multiplication table up to 25 five times and memorize it

➤ SCIENCE

CHAPTER 1- NUTRITION IN PLANTS

1. Observe the experiment and answer the following questions :



(a) What does the above experiment prove?

(b) Name the solution used for the test.

(c) What is the substance stored by the plant's leaf?

2. Solve the crossword puzzle with the help of the given clues :

ACROSS :

(1) Jelly-like substance present in a cell.

(2) Food is stored in this form

(3) A kind of fungus.

(4) A process in plants that converts solar energy into chemical energy.

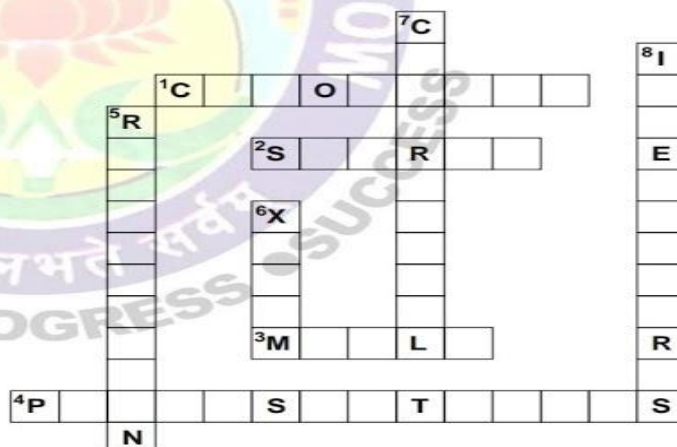
DOWN :

(5) A reaction in living things that burns food.

(6) A water conducting tissue.

(7) The green colouring matter that plants use in photosynthesis.

(8) Plants of special category that captures lower animals.



Q.3- Read daily one page of your text book and write date on the book.

Q 4. Sometimes when you are eating food. You get choked and you start coughing.

(a) What do you think has happened?

(b) What type of first aid should be given to the person whose coughing does not stop? Explain the process briefly.

Q.5- Leaves are called the 'food factory of plant'. Explain the process with the help of appropriate labeled diagram.

➤ SUBJECT- SOCIAL STUDIES

Question 1. A right about child marriage and sati practice .

Question 2. Explain the general elections.

Question3. How many types of elections?

Question4. Write the name of India 28 States and union territories?

Question5. How many members are there in the Lok Sabha?

Question 6. Write any two fundamental right that is mentioned in the Indian constitution.

Question7.How many types of the layer of the earth?

Question8.What is igneous rocks ?

Question 9. What is earth made up of?

Question10. What is environment ?

Question 11. How many continents are there on the earth?

Question12. How we are affected from the environment?

Question13.What is environment?

Question14. What lies in the interior of the earth?

Question15. Who was the architect of the Taj Mahal?

Question16. Explain the water cycle.

Question17.What is government?

Question18.What is the work of the government?

Question19. Who makes the laws and who imposed the laws?

Question20. Write about midterm electionsSocial Science

➤ ENGLISH

- **The Holiday Homework is to be done neat and tidy handwriting. You should make a set routine for yourselves to do holiday homework, as regular practice improves your learning and writing skills.**
- **The written part of your homework would do in classwork notebook.**

READING

- Parents are requested to encourage your child to cultivate the reading habit because it not only enhances the knowledge acquired but also develops the vocabulary, language skills and improves spellings.
- Children have to read newspaper on daily basis.
- G.K book and story books(English Textbooks)
- Current affairs in English to update himself/herself.

WRITING.

- Write a paragraph on a topic ‘**My Memorable Summer Vacations**’.
- Write a paragraph about your experience regarding **online classes**.
- Make a cause and effect model of **COVID 19**, also write **do’s and don’ts** in this pandemic time, you can give your model any shape like mask etc for making it more informative.
- Write a paragraph on **MY HOBBIES** also paste the related pictures.
- Paste the pictures of **Animals** you like and write about their habits, qualities and the things you like to adopt From them.

THINGS TO LEARN: (To be learnt from the notebook)

- HONEYCOMB: Lesson-1, (**THREE QUESTIONS**)
- Poem-2(**THE SQUIRREL**)
- AN ALIEN HAND : Lesson-1, (**THE TINY TEACHER**)
- “**Sentences**”- make 10-10 sentence related to each type of sentence.
- “**Tense** “- make 10-10 sentence related to each type of tense.

1. स्वर की परिभाषा लिखकर उदाहरण सहित लिखिये।
2. व्यंजन की परिभाषा को उदाहरण सहित लिखिये ।
3. उपसर्ग की परिभाषा लिखकर पाँच-पाँच उदाहरणों से वर्णन कीजिये।
4. प्रत्यय की परिभाषा लिख कर पाँच-पाँच उदाहरणों से वर्णन कीजिये।
5. 20 पर्यायवाची शब्दों की सूची बनाइये।
6. पंछी उन्मुक्त रहकर कौन कौन सी इच्छा पूर्ण करना चाहता है?
7. पंछी पिंजरे में बंद क्यों नहीं रहना चाहते हैं?
8. दादा के मृत्यु के बाद लेखक के घर की आर्थिक स्थिति खराब क्यों हो गयी थी?
9. दादी पाठ के आधार पर दादी माँ के स्वभाव के बारे में वर्णन कीजिये।
10. बीमारी के समय दादी माँ किस चीज का विशेष ध्यान देती थी?

* गृहकार्य नोटबुक/ पुस्तिका में लिखे ।

• परियोजना कार्य :-

1. पर्यावरण : समस्या एवं निदान
2. स्वच्छ भारत अभियान

* परियोजना कार्य को केवल फ़ाइल पेपर/ A4 Size पेपर में करे ।

➤ **SANSKRIT**

कक्षा - सप्तमी

1. शब्द रूपों को तीन बार लिखिए तथा प्रतिदिन एक बार पढ़िए।
 - 1 बालक (पुल्लिंगम्)
 - 2 बालिका (स्त्रीलिंगम्)
 - 3 फलम् (नपुंसक लिंगम्)
 - 4 एतत् (तीनों लिंगो में)
 - 5 किम् (तीनों लिंगो में)
2. धातुरूपों को तीन बार लिखिए तथा प्रतिदिन एक बार पढ़िए।
 - 1 चर धातु (लट्लकार, लृट्लकार, लडलकार)
 - 2 कृ धातु (लट्लकार, लृट्लकार, लडलकार)
3. सुभाषितानि पाठ के श्लोकों को दो बार लिखिए तथा याद कीजिए।
4. गृहकार्य कापी पूरा कीजिए तथा कक्षा कार्य कापी पूरा कीजिए।
5. प्रथम तथा द्वितीय पाठों को स्वर,लय,उच्चारण आरोह अवरोह पूर्वक पढ़िए।

➤ **Sub:-ART EDUCATION**

CLASS- 6 TO 10

H.w.- 05 PENCIL COLOUR SHADING/ CRAYONS/PASTEL COLOUR WORKS

Paper size:-A4/A3