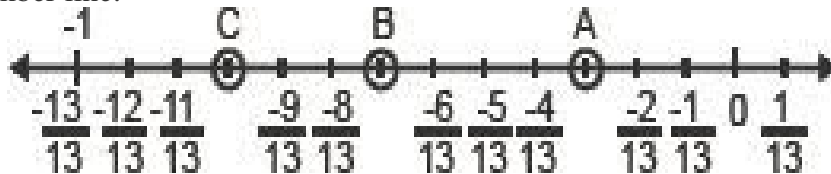


**SUMMER VACATION HOMEWORK FOR CLASS VIII**  
**SESSION 2021-2022**

➤ **MATHEMATICS**

**CLASS VIII(A+B)      CHAPTER-01 (Rational Numbers)**

- Find  $37 + [-611] + [-821] + [522]$
- Find  $25 \times -37 - 114 - 37 \times 35$
- Let  $a, b, c$  be the three rational numbers where  $a = 23, b = 45$  and  $c = -56$   
Verify:
  - $a + (b + c) = (a + b) + c$  (Associative property of addition)
  - $a \times (b \times c) = (a \times b) \times c$  (Associative property of multiplication)
- Write the rational number represented by the points A, B, and C on the following number line:



- Which of the following is the reciprocal of the reciprocal of a rational number?
  - 1
  - 1
  - 0
  - The number itself

**CHAPTER-2 (Linear Equation in One Variable)**

- Check whether the linear equation  $3x + 5 = 11$  is true for  $x = 2$
- Form a linear equation from the given statement:  
'When 5 is added to twice a number, it gives 11.'
- Solve the following linear equations:
  - $4x + 5 = 9$
  - $x + 32 = 2x$

**ACTIVITIES (To be done in A-4 size paper) + Learn Tables from 2 to 20**

- To obtain formula for the area of a parallelogram.
- To make a rectangle by paper folding.
- To verify that the sum of four angles of a quadrilateral is  $360^\circ$

## ➤ SCIENCE

### **Extended Learning – Activities and Projects**

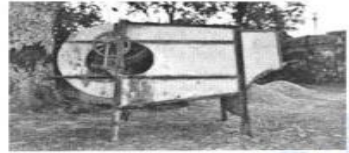
1. Sow some seeds in the soil and arrange to water them by drip irrigation. Observe daily.
  - (i) Do you think it can save water?
  - (ii) Note the changes in the seed.
2. Collect different types of seeds and put them in small bags. Attach these bags in a herbarium file and label them.
3. Collect new agricultural machine pictures and paste in a file with their names and uses.
4. Project Work  
Visit a farm, nursery or a garden nearby. Gather information about
  - (i) importance of seed selection.
  - (ii) method of irrigation.
  - (iii) effect of extreme cold and extreme hot weather on the plants.
  - (iv) effect of continuous rain on the plants.
  - (v) fertilisers/manure used.
5. For more information, visit :
  - [www.krishiworld.com/html/balanced\\_fertiliser.htm](http://www.krishiworld.com/html/balanced_fertiliser.htm).
  - [www.ikis.com/links/ap.cultivation.html](http://www.ikis.com/links/ap.cultivation.html)

### **An Example for Field Trip Work**

4. Read daily one page of your text book and write date on the book.

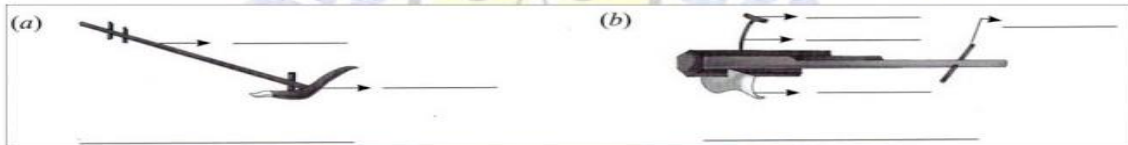


Use : \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Use : \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Q 4. Identify the following agricultural implements and label the parts :**



**Q 5. There are animals that destroy the crop before it is harvested. Farmers find it difficult to protect the crops from these animals, insects and microorganisms. Provide information to your classmates by answering the questions.**

- (a) What are these animals/insects called? Name few that ruin the standing crops.
- (b) What methods do the farmers employ to protect their crops?
- (c) Name some common insecticides used to protect crops.
- (d) Write the difference between insecticide, pesticide, fungicide and rodenticide.

**Q 6. "Farmers are advised by experts to use more of manures than fertilizers. However, sometimes fertilizers are added by farmers for a reason."**

- (a) Write about manure, compost and fertilizer. (Two points each)
- (b) Write one advantage and one disadvantage of using manure and fertilizer.
- (c) What precaution must the farmer take during application of fertilizers and weedicides in the field?

## ➤ 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.
- Write a **story** and draw it's pictures also in classwork notebook.
- Write a **diary entry** and write your **birthday experience** during lockdown.

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

- HONEYCOMB: Lesson-1, (**THE BEST CHRISTMAS PRESENT IN THE WORLD**)
- Poem-2( **THE ANT AND THE CRICKET**)
- "**Sentences**"- make 10-10 sentence related to each type of sentence.
- "**Tense** "- make 10-10 sentence related to each type of tense.
- Exercise from Google classroom related to Reported speech.

## ➤ HINDI

(गीष्मकालीन अवकाश कार्य 2021-22)

कक्षा :- आठवीं

विषय-हिंदी

1. स्वर किसे कहते हैं?परिभाषा एवं उदाहरण सहित समझाइये।
2. व्यंजन किसे कहते हैं?परिभाषा एवं उदाहरण सहित समझाइये।
3. अलंकार किसे कहते हैं?परिभाषा एवं उदाहरण सहित समझाइये।
4. शब्दालंकार एवं अर्थालंकार का भेद बताते हुए,प्रत्येक अलंकार का उदाहरण लिखिये।
5. उपसर्ग किसे कहते हैं? पाँच-पाँच उदाहरणों से वर्णन कीजिये।
6. प्रत्यय किसे कहते हैं?पाँच-पाँच उदाहरणों से वर्णन कीजिये।
7. कवि को इस विश्वास ऐसा क्यों है कि अभी उसका अंत नहीं होगा?
8. वसंत ऋतु को ऋतुराज क्यों कहा जाता है?
9. कवि पुष्पों से तन्द्रा और आलस्य दूर हटने के लिए क्या करना चाहता है?
10. "मशीनी युग ने कितनों के हाथ काट दिए हैं" इस कथन से लेखक ने किस व्यथा की ओर संकेत किया है?

\*निर्देश: परियोजना कार्य को फ़ाइल पेपर/A4 साइज पेपर में लिखें।

- 1 कोरोना एक वैश्विक समस्या
- 2.पर्यावरण मानव के मित्र

## ➤ SANSKRIT

कक्षा - अष्टमी

### 1. शब्दरूपाणि लिखन्तु पठन्तु च (त्रिबारम्)

- 1 बालक
- 2 बालिका
- 3 मुनि
- 4 किम् (त्रिषु लिंगेषु)
- 5 तद् (त्रिषु लिंगेषु)

### 2. धातुरूपाणि लिखन्तु पठन्तु च।(त्रिबारम्)

- 1 खाद् धातु ( लट्लकार, लृट्लकार, लडलकार )
- 2 कृ धातु ( लट्लकार, लृट्लकार, लडलकार )

### 3. प्रथम पाठः सुभाषितानि के श्लोकों को दो बार लिखिए तथा स्मरण कीजिए।

4. प्रथम और द्वितीय पाठों को प्रतिदिन स्वर,लय,उच्चारण, शुद्धता तथा आरोह अवरोह पूर्वक पढ़िए ।

### 5. गृहकार्य तथा कक्षाकार्य कापी पुरा कीजिए।

➤ **Sub:-ART EDUCATION**

CLASS- 6 TO 10

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

Paper size:-A4/A3