

CLASS VIII
HOLIDAY ASSIGNMENT (Summer break)
Collective (All subjects)
2024-25

SCIENCE VIII

CH-1

MCQ

1. Watering the crops is called:
 - (a) Sowing
 - (b) Manuring
 - (c) Tilling
 - (d) Irrigation

2. Weeds are the:
 - (a) Main crop plants
 - (b) Insects and pests
 - (c) Unwanted plants growing along the crop
 - (d) Chemical substances

3. Combines are used for:
 - (a) Sowing of seeds
 - (b) Harvesting the crops
 - (c) Threshing
 - (d) Harvesting and threshing both.

4. Separating grains from chaff is called:
 - (a) Winnowing
 - (b) Threshing

- (c) Fallow
- (d) Harvesting.

5. Weedicides are used to destroy:

- (a) Insects
- (b) Weeds
- (c) Pests
- (d) None of these.

6. Kharif crops are sown in

- (a) March, April
- (b) May, June
- (c) October, November
- (d) Any time.

7. Wheat and gram belong to

- (a) Rabi crops
- (b) Kharif crops
- (c) Both of these
- (d) None of these.

8. Examples of kharif crops are

- (a) Wheat and maize
- (b) Gram and maize
- (c) Paddy and maize
- (d) All of these.

9. 2-4D is a

- (a) Pesticides
- (b) Insecticides
- (c) Fungicides
- (d) Weedicides.

10. Seed drill is used to

- (a) Sow the seeds

- (b) Remove the weeds
- (c) Remove the pest
- (d) Mix manure in the soil.

Short Answer Questions :

1. What are the basic practices of crop production?
2. What are crops? Explain the two crops in detail.
3. Write a short note on weeding.
4. Explain how fertilizers are different from manures?
5. Give examples of two Rabi and two Kharif crops.
6. Explain modern method of sowing.
7. What is crop rotation and why is it important?
8. How are grains stored and protected?
9. Mention names of any two fertilizers.
10. Why is it necessary to sow seeds at appropriate depth?

CH-2

MCQ

1. Spyrogyra is
 - I. An algae
 - II. A fungi
 - III. A protozoa
 - IV. A bacteria

2. Vaccine for small pox is discovered by
 - I. Louis Pasteur
 - II. Alexander Fleming
 - III. Edward Jenner
 - IV. John Mendal

3. Amount of nitrogen in the atmosphere is
 - I. 58%
 - II. 68%
 - III. 78%

IV. 88%

4. Mushroom belongs to

I. Algae

II. Virus

III. Fungi

IV. None of these

5. Amoeba belongs to

I. Algae

II. Fungi

III. Protozoa

IV. Virus

6. Scientist who discovered fermentation is

I. Alexander Fleming

II. Louis Pasteur

III. John Mendal

IV. Edward Jenner

7. Rhizobium bacteria

I. Help in digestion

II. Help in nitrogen fixation

III. Cause diseases

IV. All of the above

8. Malaria Is caused by

I. Protozoa

II. Virus

III. Algae

IV. Bacteria

9. Penicillium is a

I. Algae

II. Fungus

- III. Bacteria
- IV. Yeast

- 10. Microorganisms are
 - I. Unicellular
 - II. Multi-cellular
 - III. Both
 - IV. None of these

SAQ QUESTIONS

1. What are microorganisms or microbes?
2. Give two examples of microorganisms.
3. Name two multicellular Microorganisms.
4. What are the two types of Microorganisms on the basis of their functions?
5. Who discovered the antibiotics?
6. What is vaccine?
7. What do you mean by vaccination?
8. Name the pathogen of anthrax.
9. Where do Rhizobium bacteria commonly live?
11. Edward Jenner in 1798.
12. Which is the carrier of dengue virus?
13. What do you mean by food preservation?
14. Who discovered the antibiotics?
15. Name a popular vaccination programme.
16. Where do Rhizobium bacteria commonly live?

LEARN AND PREPARE ALL THE ACTIVITIES AND QUESTION ANSWERS FROM THE ACTIVITY BOOK.

PHYSICS HOLIDAY HOMEWORK:

1. LEARN ANSWERS OF ALL THE EXERCISE QUESTIONS.
2. DO PRACTICE OF ALL ACTIVITY BASED QUESTIONS.
3. LEARN ALL Q.ANS.

ENGLISH VIII

Holiday Assignment (Summer break)

Reading Task

Ch. The Selfish Giant

Ch. The Tsunami

Note down word meanings of difficult words in your English Literature notebook after completion of reading task.

Writing Task

Diary entry (To be done in English grammar notebook)

Question

You recently visited your hometown with your family during the summer break. Write a diary entry expressing your feelings and note down your experience in 100-120 words.

ACTIVITY

(To be done in English grammar notebook)

Prepare a Bio-sketch of the PHYSICIST, COSMOLIGIST STEPHEN HAWKING which includes the following :

- A. Portfolio/Picture of STEPHEN HAWKING
- B. Year of birth and death
- C. Personal life
- D. Educational background
- E. Notable works and Achievements

SANSKRIT VIII

कक्षा -अष्टमी(8)

- 1-सभी श्लोक याद करें।
 - 2-वर्ण किसे कहते हैं? इसके कितने भेद हैं?
 - 3-स्वर-वर्ण और व्यंजन-वर्णों में कोई एक अंतर स्पष्ट करें।
 - 4-संयुक्त व्यंजन किसे कहते हैं?कोई चार संयुक्त वर्णों को लिखें।
 - 5-निम्नलिखित शब्दों का वर्ण विच्छेद करें-
- 1-लक्ष्य
 - 2-ज्ञानी
 - 3-राक्षस
 - 4-मनुष्यः
 - 5-श्रद्धा

COMPUTER VIII

Computer Holiday Home work:

Learn Chapter 1&2

Computer project:

Topic:

Common Ethical Issues in Artificial Intelligence

INSTRUCTIONS :

Make your project using A4 sheet paper. Write down the information, add pictures to make it attractive or you can also draw pictures. On the first page write the topic , your name, class and section. On the second page write information about the topic. Use at least 4 pages to complete the project. Don't write the information on both sides of the page.

SOCIAL SCIENCE VIII

Social Science (Note- Use separate notebook, Scrap file, Stick file etc. to complete the holiday Homework)

1. Learn and Revise the lessons completed in the months of April and May for Periodic Test – 1

HISTORY

Chapter 1: How, When and Where?

Chapter 2: From Trade to Territory (The Company Establishes Power)

GEOGRAPHY

Chapter 1: Resources

Chapter 2: Land, Soil, Water, Natural Vegetation and Wildlife Resources

Civics

Chapter 1: The Indian Constitution

2. Write the Preamble of the Constitution in the Class notebook properly.

3. Draw and colour the diagram of Biosphere on A4 Sheet.

4. All students will complete their Learner's Diary for each topic

(i) Resources- Geography

(ii) How, When and Where-History

(iii) The Indian Constitution- Civics

The rubrics of Learners' diary are-

** What I learnt

** What I found challenging

** What I found interesting

MATHS

Q.1 Divide the sum of $\frac{8}{3}$ and $\frac{4}{7}$ by the product of $-\frac{3}{7}$ and $\frac{14}{9}$.

Q.2 By what rational number should $\frac{7}{12}$ be multiplied to get the product as $\frac{5}{14}$?

Q.3 Verify the commutative property of addition for the following pairs of rational numbers : (i) $-\frac{8}{9}$ and $\frac{3}{5}$

(ii) $\frac{3}{4}$ and $\frac{1}{3}$

Q.4 Ramesh cut a $21\frac{1}{4}$ m long rope into pieces of $4\frac{1}{4}$ m length each. How many pieces of the rope did he get?

Q.5 A, B, C, D and E went to a restaurant for dinner. A paid $\frac{1}{2}$ of the bill, B paid $\frac{1}{5}$ of the bill and rest of the bill was shared equally by C, D, E. What fraction of the bill was paid by each?

Q.6 Find the multiplicative inverse of $\frac{2}{11}x - \frac{5}{7}$.

Q.7 Find the additive inverse of $\frac{10}{12}$

Q.8 Solve the following equations and check the solutions:

(i) $5 - 3(5x+2) = 4(7-3x)+1$ (ii) $\frac{6x+1}{3} + 1 = \frac{x-3}{6}$

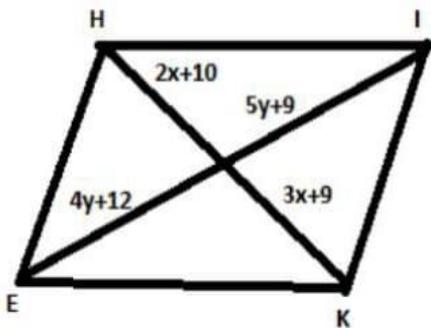
Q.9 The sum of two numbers is 90 and the greater number exceeds thrice the smaller by 14. Find the numbers.

Q.10 Find two consecutive even integers such that two-fifth of the smaller exceeds two-eleventh of the larger by 4.

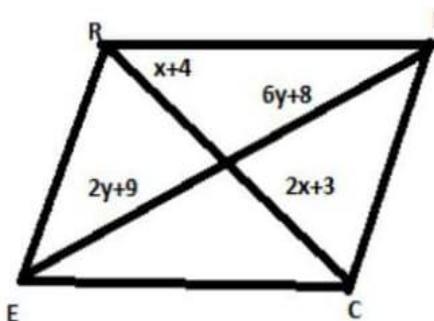
Q.11 The denominator of a fraction exceeds its numerator by 4. If the numerator and denominator are both increased by 3, the new fraction becomes $\frac{4}{5}$. Find the original fraction.

Q.12 When four consecutive integers are added, the sum is 46. Find the integers.

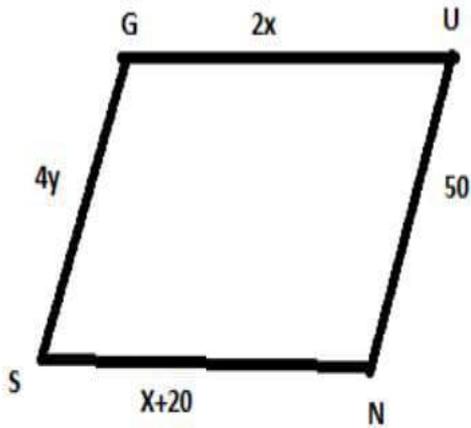
Q.13 HIKE is a parallelogram, Find x and y



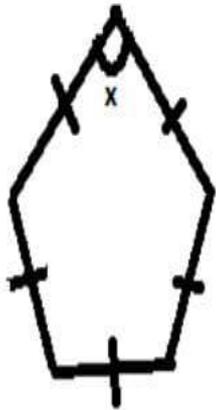
Q.14 RICE is a rhombus. Find x and y



Q.15 GUNS is a parallelogram. Find the measures of x and y



Q.16 Find the measure x



Q.17 Find the sum of measures of all the interior angles of a polygon with the number of sides: (i) 8 (ii) 12

Q.18 Find the number of sides of a regular polygon if each of its interior angle (i) 90° (ii) 165°

Q.19 If the angles of a pentagon are in the ratio 7:8:11:13:15. Find the angles.

Hindi

ग्रीष्मावकाश कालीन गृह कार्य –

1. लाख क्या है, इसका उत्पादन किन राज्यों में होता है, इसके उपयोग क्या-क्या हैं ? भारत के मानचित्र पर लाख के उत्पादक राज्यों को प्रदर्शित भी करें | (वसंत की कॉपी में)
2. पाठ 4. भगवान के डाकिये, पाठ 5. कदम मिलाकर चलना होगा, पाठ 7. कबीर की सखियाँ, पाठ 8. सुदामा चरित्र सभी कविताओं को वसंत की कॉपी में लिखें, शब्दार्थ लिखें और याद करें |
3. व्याकरण की पुस्तक से औपचारिक और अनौपचारिक पत्र के दो-दो उदाहरण लिखें | (व्याकरण की कॉपी में)
4. व्याकरण की पुस्तक से वर्ण-विच्छेद के 20 उदाहरण लिखें | (व्याकरण की कॉपी में)
5. व्याकरण की पुस्तक से संज्ञा, कारक और क्रिया की परिभाषा, प्रकार, भेद और उदाहरण लिखें | (व्याकरण की कॉपी में)
6. भारत की खोज - 1. अहमद नगर का किला, 2. तलाश (पाठ पढ़ें और जो प्रश्न उत्तर भेजा जाएगा उसे वसंत की कॉपी में लिखें |