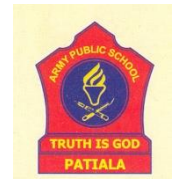


**ARMY PUBLIC SCHOOL, PATIALA**  
**HOLIDAYS HOMEWORK**  
**CLASS - VIII (2024-25)**



**SUBJECT – ENGLISH**

**1. AIL PROJECT:**

Gather the following information and make a project / scrap file about the states ANDHRA PRADESH and ASSAM in terms of:

- (i) English Authors (Any five)
- (ii) Music
- (iii) Culture and Traditions
- (iv) Dance Forms
- (v) Famous Tourist places

Support your points with suitable pictorials (pictures/ collage). Submit your project in a scrap file/ as Power point presentation. Keep it high on aesthetic and artistic sense.

**2. SUPERB ENGLISH GRAMMAR:**

Solve Try Out I, II and III of Lesson No. 28 – Comprehension Passages.

**3. WRITING (AESTHETIC AND INFORMATIVE):**

- a) Write any poem on your own using the poetic devices.
- b) Write an article on General Elections of India - 2024.

**4. READING AND REVIEW:**

- a) Read and comprehend Lesson No. 3 – “Glimpses of Past” of Honeydew.
- b) Write about the life of Stephen Hawking; including his achievements and famous works in about 150-200 words.
- c) Read at least one good book of your choice and write its message in about 100 words.

**5. REVISION:**

Revise all the topics that have been done till now and polish your skills for better performance in academics as well as co-curricular activities.

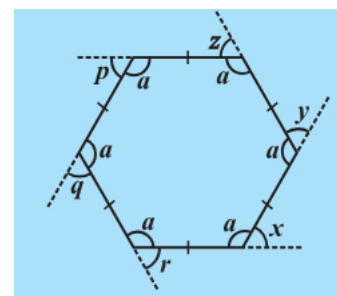
Note: HHW given at numbers 2, 3 and 4 has to be done in a small separate notebook.

ENJOY YOUR HOLIDAYS.....

## SUBJECT – MATHS

### (A) Answer all the questions

- Using appropriate properties, solve:  $\frac{2}{3} \times \frac{(-5)}{7} + \frac{7}{3} + \frac{2}{3} \times (-\frac{2}{7})$ .
- How many sides do a regular polygon have, if the measure of an exterior angle is given as  $36^\circ$ ?
- Find the value of 'x' if  $3x - 4(64 - x) = 10$ .
- Let a, b, c be the three rational numbers where  $a = \frac{2}{3}$ ,  $b = \frac{4}{5}$  and  $c = \frac{-5}{6}$ . Verify associative property of multiplication.
- Define convex and concave polygons. Draw figures also.
- If the exterior angles of a pentagon are  $k^\circ, k^\circ, 2k^\circ, 2k^\circ$ , and  $3k^\circ$ , then find the value of 'k'.
- Fill in the blanks:
  - Zero has \_\_\_\_\_ reciprocal.
  - The numbers \_\_\_\_\_ and \_\_\_\_\_ are their own reciprocals.
  - The reciprocal of a negative rational number is \_\_\_\_\_.
  - The equivalent rational number of  $\frac{7}{9}$  whose denominator is 45 is \_\_\_\_\_.
- Find the product of additive inverse and multiplicative inverse of  $\frac{2}{-3}$ .
- Solve for 'm':  $\frac{2m+3}{2} + \frac{3m-2}{3} = m + \frac{7}{6}$
- Check whether the linear equation  $3x + 5 = 11$  is true for  $x = 2$ .
- Find the additive inverse and multiplicative inverse of the following rational numbers:
  - $\frac{1}{-5}$
  - 0
  - 1
  - $1\frac{1}{3}$
  - 100
- Simplify:  $3(5x - 7) + 2(9x - 11) = 4(8x - 7) - 111$ .
- Find the value of 'x':  $\frac{7x+14}{3} - \frac{17-3x}{5} = 6x - \frac{4x+2}{3} - 5$
- Answer the following:
  - What is the sum of the measures of its exterior angles x, y, z, p, q, r?
  - Is  $x = y = z = p = q = r$ ? Why?
  - What is the measure of each?
    - exterior angle
    - interior angle
- Find the ratio of the exterior angles of a regular hexagon and regular pentagon



### (B) Revise Chapter 1, 2 and 3.

### (C) Learn tables from 2 to 25.

**Project :** Do the art-integrated activity in scrap book

## SUBJECT – SCIENCE

### Multiple choice questions:

- 1) The crops that are sown in the rainy season are called \_\_\_\_\_  
(a) Kharif crops (b) rabi crops (c) cash crops (d) none of these
- 2) Which of the following is not a rabi crop?  
(a) wheat (b) potato (c) rice (d) mustard
- 3) The process of loosening and turning of the soil is called \_\_\_\_\_  
(a) ploughing (b) levelling (c) manuring (d) none of these
- 4) Animals kept on farm are called \_\_\_\_\_  
(a) livestock (b) pets (c) farm animals (d) none of these
- 5) Cultivating crops and rearing animals in individual farms is called \_\_\_\_\_  
(a) farming (b) agriculture (c) mixed farming (d) none of these
- 6) A farmer perform some tasks for cultivation of a crop are called \_\_\_\_\_  
(a) sowing (b) preparation of soil (c) agricultural practices (d) none of these

### Answer the following questions in short:

1. What do you understand by agriculture?
2. What is the traditional method of sowing the seeds?
3. What is the special requirement of planting paddy saplings for transplantation?
4. What is multiple cropping?
5. Define harvesting?

### Identify the following agricultural practices:



(a) \_\_\_\_\_ (b) \_\_\_\_\_ (c) \_\_\_\_\_

### Write one word for the following:

1. Undesirable plants which are grown along with crop \_\_\_\_\_ .
2. To turn the soil and loosen it. \_\_\_\_\_
3. Bacteria present in the root of leguminous plants. \_\_\_\_\_
4. Rearing of animals at large scale. \_\_\_\_\_
5. Write any four sources of irrigation .  
\_\_\_\_\_

6. What does the following picture represent?



## Chapter -2

### Multiple choice questions

- 1) \_\_\_\_\_ was the first scientist to describe microorganism.  
(a) Edward Jenner (b) Alexander Fleming (c) Louis Pasteur (d) Antonie Van Leeuwenhoek
- 2) Which of the following is not responsible for spoilage of food?  
(a) algae (b) fungi (c) bacteria (d) chemicals
- 3) Which of the following is a biological nitrogen fixer?  
(a) housefly (b) fungi (c) blue-green algae (d) protozoa
- 4) Edward Jenner discovered the vaccine for \_\_\_\_\_.  
(a) cholera (b) smallpox (c) tuberculosis (d) polio

### Fill in the blanks:

1. The ability of one's body to resist a disease is known as \_\_\_\_\_.
2. Microorganism help recycle \_\_\_\_\_ back into the soil.
3. Bacteria \_\_\_\_\_ causes food poisoning.
4. Sodium benzoate is a common food \_\_\_\_\_.

### State whether the following statements are true or false:

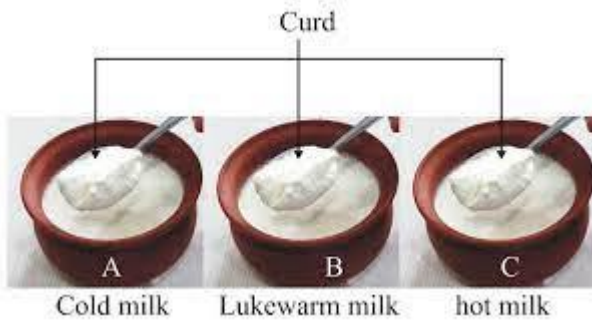
1. Nitrogen fixation is done by viruses. \_\_\_\_\_
2. Yeast is used to make alcoholic drinks by fermentation. \_\_\_\_\_
3. All viruses cause diseases and are parasites. \_\_\_\_\_
4. Anopheles mosquito carries germs of malaria. \_\_\_\_\_

### Answer the following questions in short:

1. Name any two antibiotics?
2. Which instrument is suitable to learn about very tiny objects?
3. Which is the smallest microbe known till date?
5. Define pasteurisation?

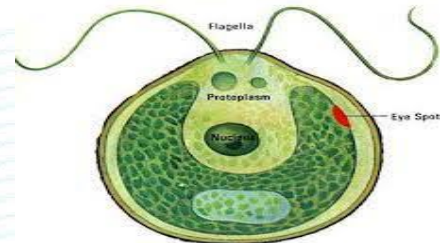
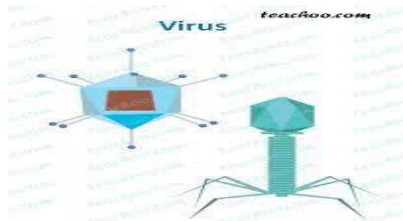
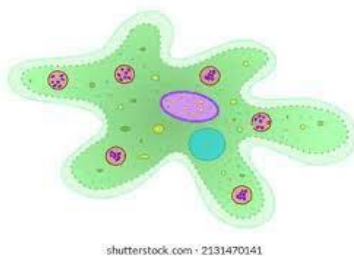
**Practical skills:**

In the following Activity:



1. Curd is formed only in \_\_\_\_\_ .  
(a) cup A (b) cup B (c) cup C (d) all three cups
2. Curd is not formed in cup C because bacteria are \_\_\_\_\_  
(a) active (b) inactive (c) killed (d) none of these

**Identify the following microorganisms:**



- (a) \_\_\_\_\_ (b) \_\_\_\_\_ (c) \_\_\_\_\_

**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. \_\_\_\_\_

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

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Dear students make an integrated project on similarities and dissimilarities among flora and fauna of Andhra Pradesh and Assam.

\* National park and sanctuaries of both states

\* Vegetation of both states

\*Climatic conditions of both states.

Can be compared

You can take any two points.

You can take a scrap file/ assignment sheets/ or chart.

\* Acknowledgement, Content

\*5-6 pages of information

\* Bibliography

NOTE: Do not use any plastic folder or stick file.

## **SUBJECT – SOCIAL STUDIES**

### **☞ Social Science Art Integrated Project**

Make any of the following on the topic

Historical Monuments of Andhra Pradesh and Assam

- PPT
- COLLAGE
- BROCHURE
- SKETCHES
- Project File

## **SUBJECT – SANSKRIT**

नोट- सम्पूर्ण कार्य उत्तर पुस्तिका में लिखिए एवं याद कीजिए।

1. संख्या- 50 -70 तक (संस्कृत भाषा में)

2. धातुरूप- नम्, भू, पच् (लङ् लकार एवं लृट् लकार में)

3. शब्दरूप- मातृ, मुनि, राजन्

□

## SUBJECT – HINDI

नोट – प्रश्न 1 से 4 तक का कार्य व्याकरण की कॉपी में करें।

### 1. अनुच्छेद लेखन – 'अभ्यास का महत्त्व'

संकेत बिंदु – अभ्यास की आवश्यकता, लक्ष्य प्राप्ति के लिए आवश्यक, अभ्यास के लाभ।

### 2. पत्र – लेखन :-

नशीले पदार्थों से बचे रहने का निर्देश देते हुए अपने मित्र को पत्र लिखिए।

### 3. लघु-कथा :- मेहनत की कमाई

संकेत बिंदु – (आलसी लड़का, पैसों से भरा एक बैग, बिना प्रयास के ही इतने सारे पैसे, व्यर्थ खर्च, कार्य करने की कोई आवश्यकता नहीं, कद्र और उपयोगिता)

### 4. चित्र – वर्णन :-

अपनी पसंद के किसी एक चित्र को कॉपी पर लगाकर उसका 5 से 7 पंक्तियों में वर्णन कीजिए।

### गतिविधि:-

5. आन्ध्र प्रदेश और असम राज्यों के प्रचलित हस्त शिल्पों पर आधारित सचित्र जानकारी प्राप्त करें। इस जानकारी को पी. पी. टी, क्ले मॉडलिंग, कोलाज या भित्तिपत्रिका में संकलित करें।

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## SUBJECT – PUNJABI

ਪ੍ਰਦੂਸ਼ਣ (ਲੇਖ) ਅਤੇ ਮੋਬਾਈਲ ਦੇ ਲਾਭ ਤੇ ਹਾਨੀਆਂ (ਲੇਖ) ਲਿਖੋ।

## SUBJECT – COMPUTER

### Make a chart, or ppt (10 slides)

Roll no 1-10 : 1. Network types

Roll no 11-20 : 2. Network topology

Roll no 21-30 : 3. Types wireless media

Roll no 31-40 : 4. Types of wired media

## SUBJECT – ART

1. ONE POINT PERSPECTIVE VIEW ( PAGE NO. – 7)

2. COLOUR CHART ( PAGE NO. 27 )

3. BLENDING STUMP ( PAGE NO. 10 )

4. BUILDING AND ARCHITECTURE ( PAGE NO. 16,17 )

5. COLOUR ELEMENTS ( PAGE NO. 29 )
6. ANIME CHARACTER ( PAGE NO. -43 )
7. PRODUCT ART (PAGE NO. – 44)
8. TEXTURE ELEMENT ( PAGE NO. 45 )
9. POSTER MAKING ( PAGE NO. 48 )