

# CT PUBLIC SCHOOL

(AFFILIATED TO CBSE) | SINCE 1997 | JALANDHAR (Pb.)

# “Summer Vacation Homework 2025: Learning Beyond the Classroom”

## SESSION-2025-2026

## GRADE-VII

***"A little fun, a little sun, and just a pinch of homework—your summer recipe!"***



Dear Students and Parents,

As the summer holidays approach, we encourage students to make the most of this valuable time. Here are some suggestions to help students stay productive, engaged, and refreshed during the break:

1. Reading: Cultivate a reading habit by exploring a variety of books and newspapers. Whether it's fiction, non-fiction, or educational material, reading enhances vocabulary, knowledge, and imagination.
2. Skill Development: Use this time to learn a new skill or hobby. This could include playing a musical instrument, cooking, painting, or learning a new language. Online courses, internships and workshops are excellent resources for this purpose.
3. Physical Activity: Stay active by engaging in sports, yoga, or simple exercises. Physical activity is crucial for maintaining health and can be a fun way to spend time with family and friends.
4. Volunteering: Consider volunteering for community service. This not only helps others but also provides a sense of fulfilment and teaches valuable life skills.
5. Educational Trips: Plan educational trips to museums, historical sites, or natural parks. These outings can be both enjoyable and informative.
6. Time Management: Balance leisure with productive activities. Creating a daily schedule can help manage time effectively and ensure that each day is spent meaningfully.
7. Project Work: Start working on school projects or personal projects that interest you. This could be a science experiment, a writing project, or a DIY craft.
8. Family Time: Spend quality time with family. Engage in activities like board games, cooking together, or having meaningful conversations.

We hope these suggestions will help students utilize their summer holidays effectively, ensuring a balance of rest, learning, and fun.

Wishing everyone a safe, enjoyable, and productive summer break!

## ENGLISH

### Section A

#### Comprehension – Pushing Your Limits

Read the passage below and answer the questions that follow:

“Pushing your limits” is not just about physical endurance; it’s about mental strength, perseverance, and the courage to keep going despite obstacles. People who push their limits often surprise themselves by achieving things they never thought possible. For example, Arunima Sinha, a former national-level volleyball player, lost her leg in a tragic train accident. But she didn’t let that stop her. Instead, she trained herself with a prosthetic leg and became the first female amputee to climb Mount Everest.

Similarly, Thomas Edison, the inventor of the electric bulb, failed more than a thousand times before he succeeded. He never gave up because he believed in learning from failure. These stories teach us that with determination and a strong mindset, we can go beyond our fears and limitations. Real success lies in trying, failing, and trying again without giving up.

#### Multiple Choice Questions:

1. What does 'pushing your limits' mainly refer to?
  - a) Being physically fit
  - b) Working only when you feel like it
  - c) Going beyond your comfort zone and showing determination
  - d) Winning competitions
2. What obstacle did Arunima Sinha overcome?
  - a) She lost her eyesight
  - b) She failed an exam
  - c) She lost her leg in an accident
  - d) She lost her job
3. What quality is common in both Arunima and Edison?
  - a) Wealth
  - b) Anger
  - c) Determination
  - d) Fear
4. According to the passage, what is real success?
  - a) Getting fame quickly
  - b) Trying, failing, and trying again without giving up
  - c) Avoiding failure
  - d) Being perfect
5. The purpose of this passage is to:
  - a) Inform us about inventions
  - b) Teach us to avoid risks

c) Encourage us to never give up and push our limits

d) Entertain us with stories

## Section B

### Grammar – Present Tense Practice

#### 1. Simple Present Tense – Fill in the blanks:

a) She \_\_\_\_\_ (go) to school every day.

b) They \_\_\_\_\_ (play) football on Sundays.

c) My father \_\_\_\_\_ (watch) the news at night.

d) We \_\_\_\_\_ (eat) lunch at 1 p.m.

e) I always \_\_\_\_\_ (carry) a water bottle.

#### 2. Present Continuous Tense – Fill in the blanks:

a) He \_\_\_\_\_ (read) a book now.

b) The children \_\_\_\_\_ (play) outside.

c) She \_\_\_\_\_ (write) a letter.

d) I \_\_\_\_\_ (listen) to music.

e) We \_\_\_\_\_ (watch) a movie.

#### 3. Present Perfect Tense – Fill in the blanks:

a) I \_\_\_\_\_ (finish) my homework.

b) She \_\_\_\_\_ (visit) the museum already.

c) They \_\_\_\_\_ (live) here for ten years.

d) We \_\_\_\_\_ (see) that movie.

e) He \_\_\_\_\_ (cook) dinner.

#### 4. Present Perfect Continuous Tense – Fill in the blanks:

a) I \_\_\_\_\_ (study) English for two hours.

b) They \_\_\_\_\_ (work) on this project since morning.

c) She \_\_\_\_\_ (practice) the piano daily.

d) We \_\_\_\_\_ (wait) for the bus for 30 minutes.

e) He \_\_\_\_\_ (read) that book since last week.

Dear Students,

Your holiday homework is designed to revise what we've already covered, build your creative thinking, and improve your English language skills in a fun and interactive way. The tasks are simple, enjoyable, and designed for you to complete independently.

### **\*\*Reading Section\*\***

#### 1. **\*\*Chapter: Pushing Your Limits\*\***

- Read the chapter again and write the names of two people who pushed their limits to achieve their goals.
- Share what inspired you the most from the story (write in 5–6 lines).

#### 2. **\*\*Poem: Indian Weavers by Sarojini Naidu\*\***

- Illustrate the three stages of life described in the poem.
- Use your creativity to design and colour three types of cloths mentioned in the poem and write a line from the poem with each design.

#### 3. **\*\*Novel: Brewster's Millions by George Barr McCutcheon\*\***

- Read the novel during your free time.
- Write the names of any two characters and describe them in your own words.
- What lesson do you learn from the novel? (Write in 4–5 lines).

### **\*\*Writing Section\*\***

#### 1. **\*\*Diary Entry\*\*** (Write any two)

- Write a diary entry about a special holiday moment you enjoyed with your family.
- Write a diary entry on a day when you did something kind for someone.

#### 2. **\*\*Formal Letter\*\***

- Write a letter to your local municipal officer requesting them to improve the cleanliness of your locality.

### **\*\*Project Work (Grammar + Art Integrated)\*\***

#### **\*\*"My Daily Routine Diary" Project\*\***


- Use a small notebook or staple A4 sheets to create a personal holiday diary.
- Write your daily routine using **\*\*Simple Present Tense\*\*** (minimum 5–6 lines per day).
- Add small pictures or drawings related to your day (or paste real photos).
- Include a page for your **\*\*best holiday experience\*\*** with illustrations.
- Decorate the cover page with your name and a title like "My Summer Journal".

### **\*\*Listening & Speaking Section\*\***

1. Listen to a short story (from YouTube or any audiobook) and record a 2-minute voice note narrating the moral of the story.
2. Practice reading aloud the poem "Indian Weavers" with proper tone and expression. Present it to your family or record it if possible.

### **\*\*Note:\*\***

- Complete each section neatly and creatively.
- Maintain regularity in your diary project.
- Focus on revising the syllabus we have done in class.
- Avoid taking help from others in writing – we want to see your original efforts.

Have a joyful and creative vacation! 

## MATHEMATICS

### I. “WARLI PAINTING”

Warli painting is a form of tribal art mostly created by the tribal people from the North Sahyadri Range in Maharashtra, India. These rudimentary wall paintings use a set of basic geometric shapes: a circle, a triangle, and a square. These shapes are symbolic of different elements of nature. The circle and the triangle come from their observation of nature. The circle represents the sun and the moon, while the triangle depicts mountains and conical trees. In contrast, the square renders to be a human invention, indicating a sacred enclosure or a piece of land. Using the A3 sheet draw and color one drawing based on Warli Painting.

#### Reference Link:

[https://www.youtube.com/watch?v=SyfkoI\\_xxaw](https://www.youtube.com/watch?v=SyfkoI_xxaw)

<https://www.youtube.com/shorts/gyzJhetwDlg>

<https://www.youtube.com/watch?v=pslsQ5EthdM>

<https://www.youtube.com/watch?v=B3laXHjCCzo>

#### Reference Image:



### II. MATHS PROJECT



# MATHS PROJECT

## FRACTIONS CLASS VII

### Learning Objectives:

- To understand the concept of **FRACTIONS**
- To classify and compare fractions in different types
- To apply the concept of **FRACTIONS** in real-life situations

1

### COVER PAGE

Draft the first page of your project- " Maths Project"

- Topic - " FRACTIONS"
- Your name
- class - section
- Roll number.



2

### INTRODUCTION

Start the second page by writing few lines about yourself, your hobbies, likes & dislikes. Also write few lines about:

- Importance of Mathematics
- Your favourite topic in Mathematics
- Use of mathematics in daily life



3

### INDEX

For the rest of the project work, on the third page, outline an index with serial number and topic covered on each page.



4

### FRACTIONS

Define **FRACTIONS** in brief. Draw/Paste pictures depicting the use of **FRACTIONS** in daily life.

5

## ACTIVITY

Design any one interesting activity based on Topic: fractions like crossword/maze/Word Search / Comic Stript.

6

## TASK

Complete the given Task sheet "How are you related" and attach under the header Task.

7

## Case Study

Complete the given "Fraction Quiz" and attach under the header Case Study.

8

## LEARNING OUTCOME

Write a brief note about your learning outcomes: What did you learn and understand from this project.





Name: \_\_\_\_\_ Class: VII Section: \_\_\_\_\_ Date: \_\_\_\_\_

## How are we related?



These two children are describing their shirt number in relation to the other's shirt number.



My number is  $\frac{9}{10}$  of your number.

My number is  $1\frac{1}{9}$  times your number.



• Fill in the missing fractions or mixed numbers in these statements.

1



My number is \_\_\_\_\_ of your number.

My number is \_\_\_\_\_ times your number.



2



My number is \_\_\_\_\_ of your number.

My number is \_\_\_\_\_ times your number.



3



My number is \_\_\_\_\_ of your number.

My number is \_\_\_\_\_ times your number.



4



My number is \_\_\_\_\_ of your number.

My number is \_\_\_\_\_ times your number.



5



My number is \_\_\_\_\_ of your number.

My number is \_\_\_\_\_ times your number.



Name: \_\_\_\_\_ Class: VII Section: \_\_\_\_\_ Date: \_\_\_\_\_

## Fraction quiz



In this quiz, a point is scored for each correct answer.

- Tick the correct answers. There may be more than one each time.
- Work out Millie's, Billy's and Lily's scores at the end.



- |    |                              |                 |                  |                 |
|----|------------------------------|-----------------|------------------|-----------------|
| 1  | How many weeks is 15 days?   | $2\frac{2}{7}$  | $1\frac{1}{15}$  | $2\frac{1}{7}$  |
| 2  | How many weeks is 30 days?   | $3\frac{2}{7}$  | $4\frac{1}{2}$   | $4\frac{2}{7}$  |
| 3  | How many dozen is 41 eggs?   | $3\frac{5}{12}$ | $3\frac{1}{2}$   | $3\frac{7}{12}$ |
| 4  | How many years is 18 months? | $1\frac{6}{12}$ | $1\frac{1}{2}$   | $2\frac{1}{4}$  |
| 5  | How many dozen is 54 eggs?   | $4\frac{6}{12}$ | $4\frac{1}{12}$  | $4\frac{1}{2}$  |
| 6  | How many days is 60 hours?   | $2\frac{3}{4}$  | $2\frac{12}{24}$ | $2\frac{1}{2}$  |
| 7  | How many years is 26 months? | $3\frac{3}{12}$ | $2\frac{1}{12}$  | $2\frac{1}{6}$  |
| 8  | How many weeks is 47 days?   | $6\frac{5}{7}$  | $6\frac{4}{7}$   | $5\frac{5}{7}$  |
| 9  | How many dozen is 50 eggs?   | $4\frac{1}{6}$  | $4\frac{1}{2}$   | $4\frac{2}{12}$ |
| 10 | How many days is 36 hours?   | $3\frac{1}{12}$ | $1\frac{12}{24}$ | $1\frac{1}{2}$  |

**NOW TRY THIS!**



Scores \_\_\_\_\_

- Complete these statements with mixed numbers.

29 days is \_\_\_\_\_ weeks

29 eggs is \_\_\_\_\_ dozen

Revise Ch 1 Integers

Ch 2 Fractions and Decimals

Ch 7 Comparing Quantities

## PUNJABI

# ਵਿਦਿਆਰਥੀ ਹਰੇ ਰੰਗ ਦੇ ਚਿੱਠੀ ਉੱਤੇ ਆਪਣੇ ਨਾਨਾ ਜੀ ਜਾਂ ਦਾਦਾ ਜੀ ਨੂੰ ਇੱਕ ਚਿੱਠੀ ਲਿਖਣਗੇ ਜਿਸ ਵਿੱਚ ਉਹ ਉਹਨਾਂ ਨੂੰ ਆਪਣੇ ਨਾਲ ਗਰਮੀ ਦੀਆਂ ਛੁੱਟੀਆਂ ਬਿਤਾਉਣ ਲਈ ਸੱਦਾ ਦੇਣਗੇ।

ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਦੀ ਅਖ਼ਬਾਰ ਵਿੱਚੋਂ ਕੋਈ 10 ਮਹੱਤਵਪੂਰਨ ਅਲੱਗ ਅਲੱਗ ਦਿਨਾਂ ਦੀਆਂ ਖ਼ਬਰਾਂ ਨੂੰ ਕੱਟ ਕੇ ਪੰਜਾਬੀ ਦੀ ਕਾਪੀ ਤੇ ਲਗਾਉਣਗੇ।

#ਕੋਈ 25 ਸ਼ਬਦਾਂ ਦੇ ਅਰਥ ਵਿਦਿਆਰਥੀ ਆਪਣੀ ਕਾਪੀ ਤੇ ਲਿਖ ਕੇ ਲਿਆਉਣਗੇ ਅਤੇ ਯਾਦ ਵੀ ਕਰਕੇ ਆਉਣਗੇ।

ਦਿੱਤਾ ਗਿਆ ਸਾਰਾ ਕੰਮ ਵਿਦਿਆਰਥੀ ਆਪਣੀ ਪੰਜਾਬੀ ਦੀ ਕਾਪੀ ਤੇ ਕਰਨਗੇ।

## HINDI

1. ਪੁਸਤਕ ਪਠਨ एवं समीक्षा:

कोई एक सरल हिंदी पुस्तक या बाल-पत्रिका पढ़ें (जैसे – चंपक, बाल भारती, बीरबल की कहानियां , बालहंस, पंचतंत्र की कहानियां, रामायण और महाभारत की बाल रूपांतरण कहानियाँ )

पढ़ने के बाद नीचे दिए अनुसार जानकारी भरें:

(क) पुस्तक का नाम –

(ख) लेखक का नाम –

(ग) मुख्य पात्र –

(घ) कहानी का सारांश (60-80) शब्दों में) –

(ङ) आपको यह कहानी क्यों अच्छी लगी / नहीं लगी? –

2. अनुच्छेद लेखन:

निम्नलिखित विषयों में से किसी एक पर 80-100 शब्दों में अनुच्छेद लिखिए।

(क) मेरी पसंदीदा खेल -

(ख) गर्मी की छुट्टियाँ -

(ग) एक दिन बिना मोबाइल के -

3. संवाद लेखन - क्रिकेट मैच देखते हुए दो मित्रों में संवाद लिखिए।

4- चित्र वर्णन - अपनी कल्पना शक्ति के आधार पर नीचे दिए गए चित्र का वर्णन कीजिए।



#### 5. शब्द भंडार:

गर्मी की छुट्टियों के दौरान आपने जो नए और कठिन 10 हिंदी शब्द सीखे हों, उन्हें लिखें :

(क) हर शब्द का अर्थ लिखिए ।

(ख) हर शब्द का एक वाक्य में प्रयोग भी करें।

#### Worksheet

#### 6. लिखित गद्यांश पर आधारित नीचे दिए गए प्रश्नों के उपयुक्त उत्तर लिखिए -

एक दिन एक अजनबी गाँव में आया। वह अपने कांधे पर पोटली लटकाए हुए था और बार-बार लोगों से पूछता – "अम्मा, हींग लोगे?" जब कोई पूछता कि हींग क्यों बेच रहे हो, तो वह कहता कि "अभी कुछ नहीं ले जाना, बस तौल लो।" लोग हैरान होते, लेकिन वह शांत रहता। उसने कभी किसी से जबरदस्ती नहीं की। बाद में पता चला कि वह हींगवाला असल में लोगों को सोचने और समझने की प्रेरणा देने के लिए घूम रहा था। वह कहता – "गुस्से से नहीं, समझदारी से काम लो।"

(क) हींगवाला लोगों से क्या कहता था ?

(ख) लोग हींगवाले के बारे में शुरुआत में क्या सोचते थे ?

(ग) हींगवाला गांव में किस उद्देश्य से आया था ?

(घ) हींगवाले का व्यवहार लोगों को कैसा लगा ?

(ङ) कथन : लोग हींगवाले की बातों से प्रभावित हुए।

कारण : हींगवाला बिना जबरदस्ती किए लोगों को सोचने पर मजबूर करता था।

क) कथन और कारण दोनों सही हैं, और कारण, कथन की सही व्याख्या करता है।

ख) कथन और कारण दोनों गलत है।

ग) कथन और कारण दोनों सही है।

घ) कथन और कारण दोनों सही हैं और कारण, कथन की सही व्याख्या नहीं करता है।

7. अनेक शब्दों के लिए एक शब्द लिखिए -

(क) जिसका अनुभव किया गया हो -

(ख) जो हर स्थान पर हो -

(ग) दूर की देखने व सोचने वाला -

(घ) जहां जाने में कठिनाई हो -

(ङ) कविता रचने वाली स्त्री -

(च) जो कहा न जा सके -

## SCIENCE

### WORKSHEET

#### Multiple Choice Questions (MCQs)

Which of the following is an autotroph?

- a) Human
- b) Mushroom
- c) Mango Tree
- d) Cow

The mode of nutrition in which organisms prepare their own food is:

- a) Heterotrophic
- b) Saprophytic
- c) Parasitic
- d) Autotrophic

Which part of the digestive system completes most of the digestion?

- a) Mouth
- b) Stomach
- c) Small intestine
- d) Large intestine

What is the function of bile in digestion?

- a) Digests starch
- b) Emulsifies fats
- c) Absorbs water
- d) Produces insulin

Which instrument is used to measure temperature?

- a) Barometer
- b) Thermometer
- c) Hydrometer
- d) Calorimeter

Which of the following is a poor conductor of heat?

- a) Iron
- b) Copper
- c) Water
- d) Aluminum



Which acid is present in vinegar?

- a) Citric acid
- b) Acetic acid
- c) Oxalic acid
- d) Hydrochloric acid

Which of the following is a base?

- a) Lemon juice
- b) Vinegar
- c) Baking soda
- d) Apple juice

Litmus turns red in:

- a) Bases
- b) Acids
- c) Salt solutions
- d) Neutral solutions

Which of these organisms shows saprotrophic nutrition?

- a) Amoeba
- b) Fungi
- c) Dog
- d) Cow

### **Assertion-Reason Questions**

(For Qs 1–10, choose:

- a) Both A and R are true, and R is the correct explanation of A
- b) Both A and R are true, but R is not the correct explanation of A
- c) A is true, but R is false
- d) A is false, but R is true)

A: Green plants prepare their own food.

R: They absorb water from soil through leaves.

A: Ruminants chew cud.

R: They have a single stomach like humans.

A: Thermometers use mercury or alcohol.

R: These substances expand on heating.

A: Boiling water in a metallic pan heats the water quickly.

R: Metals are good conductors of heat.

A: Antacids are basic in nature.

R: They neutralize excess acid in the stomach

A: The pancreas produces bile.

R: Bile helps in digestion of proteins.

A: All green plants are producers.

R: They depend on sunlight for food production.

A: Litmus is a natural indicator.

R: It is obtained from lichens.

A: Acids are corrosive in nature.

R: They turn blue litmus red.

A: Heat flows from cold to hot objects.

R: Heat flows from a body at a higher temperature to a lower temperature.

### **Competency-Based Questions**

1. Riya placed a thermometer under her armpit to record body temperature. Explain whether her method is correct.
2. Aman added lemon juice to a blue litmus solution. What change will he observe and why?
3. Ravi observed that curd turned his turmeric paper red. What does this tell you about curd?
4. Why does food need to be digested? Explain with examples of organs involved.
5. Differentiate between autotrophs and heterotrophs with suitable examples.
6. Why do we get a burning sensation in the stomach after overeating spicy food?
7. Shyam put a steel spoon in hot tea and felt it getting hot. What property of metals is responsible?
8. Radha found some white powder in the kitchen and added a drop of phenolphthalein; it turned pink. What could the powder be?
9. Why should thermometers not be placed in direct sunlight while measuring air temperature?
10. Identify and explain how different teeth types help in food digestion.

### **Higher Order Thinking Skills (HOTS) Questions**

1. If all green plants disappeared from Earth, what would be the consequences on life?
2. Why does grass remain green even after grazing by animals?
3. Why is the small intestine longer than the large intestine in humans?
4. Why can't we digest cellulose like herbivores?
5. Why does wearing light-colored clothes in summer feel more comfortable?
6. Why should acid not be tasted or touched even in small amounts?
7. Can photosynthesis take place at night? Explain.
8. What would happen if our saliva didn't contain any enzyme?

9. Why do we feel warm in a woollen sweater though it doesn't produce heat?

10. What is the significance of neutralization reactions in everyday life?

### PROJECT :--

3D Model of the Digestive Tract:

Use clay, pipe cleaners, and other craft materials to build a three-dimensional model of the major organs involved in digestion (mouth, esophagus, stomach, small intestine, large intestine). Label each organ with its function and color-code different sections to represent the movement of food through the system.

Acid and Base Detectives

Students can gather common household items (vinegar, lemon juice, baking soda, soap, etc.) and use litmus paper, turmeric, or even a red cabbage indicator (made by boiling red cabbage and extracting the juice) to identify them as acids or bases. This can be presented in a "detective report" format with photos and explanations.

### SUBJECT ENRICHMENT ACTIVITY:-

What We Eat" Poster: Design a poster showcasing a balanced diet, highlighting the different food groups and their importance for healthy nutrition.

## SOCIAL SCIENCE

### HISTORY

Let's have some with by exploring the facts of medieval period.

(I) The underlined words are incorrect. Write the correct words.

1. A farman is a record of the rule of the kings and life at the court. -----
2. *Tarikh-i Ferishta* is a record of history of the Delhi Sultans from the time of the Afghans -----
3. The *Akbarnama*, written by Gulbadan Begum, is a travelogue. -----

(II) Which of these was **NOT** a major historical development during the medieval period in India?

- a. growth of a mixed culture
- b. rapid growth of towns and cities
- c. emergence of the Bhakti and Sufi movements
- d. decrease in trade

(III) Who among these wrote *Khazain-ul-futuh*?

- |                 |                      |
|-----------------|----------------------|
| a. Amir Khusrau | c. Ibn Batuta        |
| b. Kalhana      | d. Zia-ud-din Barani |

(IV) Tick **the correct options**. Selected response questions

- I. In India, the medieval period stretched from the beginning of the fourth to the end of the eighteenth century.
- II. In India, the Early Medieval Period stretched from the fourth to the thirteenth century.
- III. In India, the Late Medieval Period lasted from the thirteenth to the eighteenth century.
- IV. The Palas and the Cholas were the powerful ruling dynasties during Early Medieval Period.

Which of these statements are correct in context of the medieval period in India?

- a. I and II \_\_\_\_\_
- b. III and IV \_\_\_\_\_
- c. I and IV \_\_\_\_\_
- d. II and III \_\_\_\_\_

### Assertion–Reason Questions

Two statements are given below. They are **Assertion (A)** and **Reason (R)**. Read both statements and tick the correct options.

(IV). **Assertion (A):** Firoz Shah Tughluq used the term Hindustan to describe the geography and natural vegetation of the subcontinent.

**Reason (R):** India was known by different names at different points in history.

- a. Both (A) and (R) are true and (R) is the correct explanation of (A).
- b. Both (A) and (R) are true but (R) is not the correct explanation of (A).
- c. (A) is true but (R) is false.
- d. (A) is false but (R) is true

(V) **Assertion (A):** The travelogues give us a lot of information about the medieval period.

**Reason (R):** Many foreign travellers visited India during the medieval period.

- a. Both (A) and (R) are true and (R) is the correct explanation of (A).
- b. Both (A) and (R) are true but (R) is not the correct explanation of (A).
- c. (A) is true but (R) is false.
- d. (A) is false but (R) is true.

**B. Give short answers for the following questions.** Constructed response questions

**Q1.** When did the Early Medieval Period start in India? Name any three dynasties that ruled during this period .

**Q2.** Why are monuments and paintings important for the study of the medieval period?

## CIVICS

(I). Tick **the correct options**. Selected response questions

1. Which of these words is the parent word of democracy?

- a. *exousia* b. *kubernaein* c. *demokratia* d. *politika*

(II). Which of these applied to democracy in ancient Greece?

- a. no voting rights to women and slaves
- b. no voting rights to the lower class and slaves
- c. voting rights to soldiers and philosophers

d. voting rights to land owners and nobility

**(III).** What is the main objective of a democratic government?

- a. to give freedom to adult men and land owners
- b. to work for the welfare of gentry
- c. to provide employment for all citizens
- d. to work for the welfare of all the people

**(IV).** What are the values of democracy?

- a. justice, equality and fraternity
- b. justice, freedom and human dignity
- c. equality, liberty and fraternity
- d. fraternity, freedom and equality

**(V).** What is meant by economic democracy?

- a. free to practice any religion
- b. absence of constraint on personal budget
- c. absence of all exploitation
- d. free to access funds from the state

**(VI).** Give one-word answers.

- 1. a form of government where the queen/king is the executive head
- 2. the first nation to grant equal voting rights to all its citizens
- 3. an important tool for people to exercise their political power
- 4. the people's movement for democracy in Kyrgyzstan
- 5. the only country where direct democracy is practiced at the state level

**(VII)** Write True or False.

- 1. The dictators are considered above the law and wield absolute power.
- 2. In India, the representatives are elected for a fixed term.
- 3. The State Assemblies make laws for the whole country.
- 4. The caste system helped in the decline of untouchability.
- 5. Individual freedom is necessary for democracy to succeed.

**(VIII)** Two statements are given below. They are Assertion (A) and Reason (R). Read both the statements and tick the correct options.

- 1. **Assertion (A):** The modern understanding of democracy took shape in the late eighteenth century.

**Reason (R):** The most common feature of democracy is to grant equal voting rights to all the citizens.

- a. Both (A) and (R) are true and (R) is the correct explanation of (A).
- b. Both (A) and (R) are true but (R) is not the correct explanation of (A).
- c. (A) is true but (R) is false.
- d. (A) is false but (R) is true.



**2. Assertion (A):** Abraham Lincoln described democracy as ‘a government of the people, by the people and for the people’.

**Reason (R):** An important means for people to exercise their political power is through the practice of peaceful protests.

- a. Both (A) and (R) are true and (R) is the correct explanation of (A).
- b. Both (A) and (R) are true but (R) is not the correct explanation of (A).
- c. (A) is true but (R) is false.
- d. (A) is false but (R) is true.

**(IX). Give short answers to the following questions.**

- 1. How do the two important tools of democracy help the citizens?
- 2. How can a society be truly democratic?

## **GEOGRAPHY**

**(X) Make a 3D model of ‘the interior of the Earth’.**

**OR**  
**‘ Inside our earth’**

**For help you can follow these links**

**E. Make a 3D model of ‘the interior of the Earth’.**

<https://youtube.com/shorts/6Kr-0RUOQEg?si=emUNb4uhdYrDny28>

[https://youtube.com/shorts/U5Pxp7nHag?si=bQIEEnOOO\\_07i3T0T](https://youtube.com/shorts/U5Pxp7nHag?si=bQIEEnOOO_07i3T0T)

<https://youtu.be/1jAeZgkbp-M?si=vLkDP5a4rEQ97C3d>

## **COMPUTER**

### **Worksheet 1: Number System**

#### **Section A: Two-Line Questions (8 Questions)**

- 1. What is the number system? Name its two main types.
- 2. Explain the difference between decimal and binary number systems.
- 3. What is the base of the hexadecimal number system? Give an example.
- 4. Convert the decimal number 25 into binary.
- 5. How is the octal number system different from the binary number system?
- 6. Explain the use of the number system in computers.
- 7. Convert the binary number 1010 into decimal.
- 8. What is the importance of the hexadecimal number system in computing?

#### **Section B: One-Word Questions (6 Questions)**

- 1. What is the base of the binary number system?
- 2. Write the binary representation of the decimal number 7.

3. Which number system uses the digits 0-7?
4. What is the decimal equivalent of the binary number 1101?
5. Write the hexadecimal representation of the decimal number 15.
6. What is the smallest unit of data in a computer?

### **Section C: Competency-Based Questions (6 Questions)**

1. Arjun wants to store colors in a program. Which number system should he use and why?
2. Convert the decimal number 45 into binary and explain the steps.
3. How is the binary number system useful in modern computers?
4. An Excel sheet stores data in hexadecimal format. Convert "1A" into decimal.
5. Explain why octal numbers are easier for humans to read compared to binary numbers.
6. Shreya is trying to perform arithmetic operations in binary. Show how to add 101 and 110.

## **Worksheet 2: Advanced Features of Excel**

### **Section A: Two-Line Questions (8 Questions)**

1. What is conditional formatting in Excel? How is it useful?
2. Explain the use of "Data Validation" in Excel.
3. What is the purpose of Pivot Tables in Excel?
4. How can you protect a worksheet in Excel?
5. Describe the steps to create a drop-down list in Excel.
6. What is the use of the "Freeze Panes" option in Excel?
7. How can you sort data in Excel based on multiple criteria?
8. Explain the difference between absolute and relative cell referencing.

### **Section B: One-Word Questions (6 Questions)**

1. Which feature is used to summarize data in Excel?
2. Name the Excel function used to find the average of a range of numbers.
3. What is the shortcut key to lock cells for absolute referencing?
4. Write the name of the feature used to highlight duplicate values in Excel.
5. What is the tab where you can find the "Conditional Formatting" option?
6. Which function is used to count numeric values in a range?

### **Section C: Competency-Based Questions (6 Questions)**

1. Ravi wants to filter data to show only students scoring above 80%. Which feature should he use?
2. Shreya needs to calculate the total sales for each region and analyze the data. Which advanced Excel feature would help her?
3. Imagine you are creating a student database. How can you use Data Validation to restrict input to a specific range of values?
4. Ramesh accidentally deleted some important data. How can Excel's protection feature help in such cases?

5. Explain how using Pivot Tables can simplify analyzing a large dataset.
6. Meera wants to highlight cells with sales figures below 50,000. Which feature will she use and why?

1. Create your class timetable in MS Excel.
2. Solve the provided worksheet in your computer notebook.

Submission Guidelines:

Send the soft copy of the timetable to the following email ID: [sarita.413@ctgroup.in](mailto:sarita.413@ctgroup.in).

Ensure that your submissions are neat, accurate, and creative.

## ARTS

Wishing you all a joyful and refreshing holiday! As you enjoy your well-deserved break, I encourage you to take some time to explore your creativity through a special Holiday Art & Craft Assignment. It's a great way to relax, express yourself, and try new techniques.

Here are some fun and creative project ideas for your holiday assignment:

1. Shadow Painting – Use objects and sunlight to create interesting shadow outlines, then color them creatively.
2. Mandala Art – Draw and color a detailed mandala pattern using geometrical tools and bright colors.
3. Craft from Waste – Create something useful or decorative using waste materials at home (plastic bottles, newspapers, cardboard, etc.).
4. 3D Paper Sculpture – Make a 3D model of an animal, house, or any imaginative creature using paper folding and cutting.
5. DIY Wall Hanging – Create a decorative wall hanging using threads, beads, buttons, or recycled fabric.

Instructions:

Choose any 2–3 ideas from the list or come up with your own unique project!  
Try to use eco-friendly and recycled materials wherever possible.

Take clear pictures of your work or safely bring it to school after the holidays.

Label your artwork neatly with your name, class, and date.

I look forward to seeing your colorful imaginations come to life. Have a happy, safe, and artistic holiday!

Best wishes and happy crafting!

