

SUMMER HOLIDAY HOMEWORK

CLASS-7

ENGLISH

General Instructions for Holiday Homework

1. Maintain proper handwriting, presentation, and cleanliness in your work.
2. Complete all worksheets neatly on A4 size sheets.
3. Make your projects on colourful A4 sheets, ensuring they are attractive and well presented. Add relevant pictures wherever necessary.
4. Ensure you submit all assigned work on or before the given deadline.
5. Completion of holiday homework is compulsory for all students.

Make sure to maintain neatness, creativity, and timely submission. Enjoy your holidays productively!

Activities

A. Creative Writing & Reading Activity

1. Novel Review File

Read a novel by Ruskin Bond or R. K. Narayan and prepare a creative Review File.

Include:

- Introduction of the book
- Character sketch with portrait
- Alternate ending, write a new ending for the story (150 words)
- Creative book cover using recycled materials

B. Vocabulary Enrichment Activity

2. Word-a-Day Calendar Prepare a 15-day Word-a-Day Calendar.

For each day write:

- One new word
 - Meaning
 - Synonym
 - Antonym
 - One sentence
- Decorate creatively with colours and drawings.

C. Grammar Activity

Grammar Wall Hanging

Make a decorative wall hanging on any one topic:

- Types of Adjectives

- Subject and Predicate
- Tenses
- Parts of Speech

Include definitions and examples neatly.

D. Creative Thinking & Innovation

Activity Imagine an AI Assistant Design an imaginary AI Assistant.

Include:

- Name of the assistant
- Colourful drawing/design
- A short paragraph explaining how it helps people in daily life Use creativity to make your work attractive and informative.

E. Story Telling and Podcast Activity

Record a short podcast telling a story or speaking on any one of the following topics:

1. A didactic story
2. A historical event that inspires me
3. The value of failure
(*Why making mistakes are an important part of success*)
4. A fun fact about nature **Instructions:**

- Duration: 2–3 minutes
- Speak clearly and confidently
- Use simple and expressive language

Worksheet 1

A. Reading Comprehension

Read the passage carefully and answer the questions that follow.

Aarav was excited because his school had announced a “Green Week” campaign. The purpose of the campaign was to teach students how to protect nature and keep their surroundings clean. On the first day, the teachers explained the importance of saving water, planting trees, and reducing plastic waste. Aarav listened carefully and decided that he would try to follow these ideas in his daily life. The next morning, Aarav noticed that many students in the school canteen were throwing plastic wrappers on the ground. Some taps near the playground were also left running. Aarav felt that small careless actions could harm the environment. He spoke to his classmates and suggested starting an awareness group. His friends agreed happily.

The group made colourful posters with messages such as “Save Water”, “Use Dustbins”, and “Plant More Trees”. They placed the posters around the school campus. During lunch break, the students requested others to keep the school clean and avoid wasting water. At first, a few students laughed at them, but Aarav and his friends did not give up.

After a few days, the school looked cleaner and greener. Students started using dustbins properly, and teachers appreciated the efforts of Aarav's group during the morning assembly. The principal also announced a tree plantation activity for the following week. Aarav felt proud because he understood that even young students could make a difference through teamwork and responsibility.

Multiple Choice Questions

1. What was the purpose of the "Green Week" campaign?
a) To organise sports activities b) To teach students to protect nature
c) To prepare for examinations d) To celebrate a festival 2.

What did Aarav notice near the playground?

- a) Broken benches
b) Students planting trees
c) Taps left running
d) Teachers cleaning the area
3. What did Aarav and his friends make?
a) Models and charts b) Posters with awareness messages
c) New school rules d) Paper boats 4.

How did some students react at first?

- a) They helped immediately b) They ignored the campaign completely
c) They laughed at Aarav's group d) They complained to the teachers 5.

What activity did the principal announce later?

- a) A drawing competition b) A cleanliness test
c) A tree plantation activity d) A picnic 6. Which

quality of Aarav is shown in the story?

- a) Laziness b) Responsibility
c) Dishonesty d) Carelessness 7.

What is the main message of the passage?

- a) Students should only study b) Nature is not important
c) Teamwork and responsibility can bring positive change
d) Posters are difficult to make

B. Fill in the Blanks

1. A number of students _____ present in the class.(was/were)
2. There _____ many books on the table. (is/are)
3. My brother along with his friends _____ going to the fair. (is/are)
4. I have _____ sugar left in the jar. (little/a little)
5. _____ students participated in the competition.(Several/Much)
6. She does not have _____ money to buy the dress.(many/enough)
7. The teacher _____ us an interesting story yesterday.(tell/told)
8. We _____ cricket when it started raining. (play/were playing)
9. He said that he _____ busy then. (is/was)
10. _____ of the milk has been spilled. (Some/Many)

C. Find the Errors

Identify and write the correct form.

1. The teacher along with the students are going on a trip.

2. There are little milk in the glass.

3.

Everyone in the class have submitted the notebook.

4. Few information is available on this topic.

5.

My brother and friend is coming today.

6. She asked that where I lived.

7. He do not like spicy food.

8.

A number of players was absent.

9. The news are very surprising.

10.

They was watching a movie last night.

D.

Multiple Choice Questions 1.

Which sentence is imperative?

a) What a beautiful painting!

b) Please close the door.

c) Where are you going?

d) The sky is blue.

2. Identify the predicate:

“The little girl won the prize.”

a) The little girl

b) won the prize

c) the prize

d) little girl

3. Which quantifier is correct?

“There is _____ water in the tank.”

a) many

b) several

c) much

d) few

4. Which sentence is interrogative?

a) Sit down quietly.

b) How lovely the weather is!

c) Did you finish the work?

d) He is my friend.

5. “A few” means:

a) almost none

b) not enough

c) some

d) all

6. Choose the correct verb:

“Each student _____ a pen.”

a) have

b) has

- c) are having
d) were having
7. Which sentence is exclamatory?
a) Open your book.
b) What a wonderful idea!
c) I like cricket.
d) Are you ready?
8. The subject in the sentence “The birds are chirping” is:
a) chirping
b) are chirping
c) birds
d) The birds
9. “Several” is used for:
a) uncountable nouns
b) countable nouns
c) singular nouns only
d) none 10.

Which sentence is in present continuous tense?

- a) I wrote a letter.
b) I am writing a letter.
c) I write a letter.
d) I had written a letter.

11. Choose the correct reported speech:

Ram said, “I am tired.”

- a) Ram said that I am tired.
b) Ram said that he was tired.
c) Ram says he is tired.
d) Ram said he tired.

12. Which sentence has correct subject–verb agreement?

- a) The boys plays football.
b) The boy play football.
c) The boys play football.
d) The boys isplaying football.

13. Which type of sentence gives information?

- a) Imperative
b) Exclamatory
c) Assertive
d) Interrogative

14. “Enough” in the sentence “We have enough chairs” is:

- a) verb
b) quantifier
c) conjunction
d) pronoun

15. Choose the correct sentence:

- a) Much students were absent.
b) Many students were absent.
c) Many water was wasted.
d) Few money was left.

E. Rewrite as directed

1. Close the window. (Change into a polite imperative)

2. How beautiful the rainbow is! (Change into an assertive sentence)

3. She said, “I can solve this problem.” (Change into reported speech)

4. The children are playing football. (Change into past continuous tense)

5. He does not like coffee. (Change into interrogative sentence)

6. There is little hope left. (Replace “little” with “a little”)

7. The boy is honest. (Change into exclamatory sentence)

8. I completed my work. (Change into present perfect tense)

9. Rahul said, “I have finished my homework.” (Change into indirect speech)

10. The girls sing beautifully. (Underline the subject and predicate)

E. Identify the Type of Sentence Write whether the sentence is:

Assertive / Interrogative / Imperative / Exclamatory

1. Please pass me the salt. _____
2. What a charming village it is! _____
3. The train will arrive at 6 p.m. _____
4. Have you completed your assignment? _____
5. Kindly maintain silence in the library. _____
6. How beautifully the child sings! _____
7. The sun rises in the east. _____
8. Why are you late today? _____
9. Never waste your time. _____
10. What a difficult question this is! _____

Worksheet 2

A. Read the Comprehension

Read the passage carefully and answer the questions.

Aarav was a curious boy who loved science and nature. During his winter vacation, he visited his uncle’s village for the first time. Unlike the noisy city where he lived, the village was peaceful and surrounded by green fields, rivers, and tall trees. Every morning, Aarav woke up early to watch the sunrise and listen to the sweet chirping of birds. One day, his uncle took him to a nearby farm. The farmers were busy planting seeds and watering the crops. Aarav was surprised to see how hard they worked from morning till evening. His uncle explained that farmers played an important role in everyone’s life because they grew the food people ate every day.

While walking around the farm, Aarav noticed a scarecrow standing in the middle of the field. He laughed and asked his uncle why it was there. His uncle told him that scarecrows were used to keep birds away from the crops. Aarav found this very interesting and spent the whole afternoon helping the farmers.

The next morning, dark clouds filled the sky, and soon heavy rain began to fall. The farmers looked worried because too much rain could damage the crops. Aarav realized how dependent farmers were on nature. He also understood that farming required patience, hard work, and hope.

When Aarav returned to the city, he shared his experiences with his classmates. He told them that people should respect farmers and avoid wasting food. His visit to the village taught him valuable lessons about nature, responsibility, and gratitude.

Multiple Choice Questions-

1. Where did Aarav go during his winter vacation?
 - a) To the mountains
 - b) To his uncle's village
 - c) To a science museum
 - d) To the beach
2. What did Aarav enjoy in the village mornings?
 - a) Watching television
 - b) Playing video games
 - c) Watching the sunrise and listening to birds
 - d) Sleeping late
3. What were the farmers doing on the farm?
 - a) Building houses
 - b) Planting seeds and watering crops
 - c) Driving buses
 - d) Selling clothes
4. Why are farmers important according to Aarav's uncle?
 - a) They build roads
 - b) They teach children
 - c) They grow the food people eat
 - d) They protect forests
5. What was standing in the middle of the field?
 - a) A statue
 - b) A scarecrow
 - c) A fountain
 - d) A cart
6. Choose the correct meaning of the word "gratitude":
 - a) Anger
 - b) Thankfulness
 - c) Fear
 - d) Laziness

B. Multiple Choice Questions-

1. Which sentence is assertive?
 - a) Please sit down.
 - b) What a pleasant evening!
 - c) The train arrived on time.
 - d) Where are you going?
2. Choose the correct verb:
"Neither the teacher nor the students _____ ready."
 - a) was
 - b) is

- c) are
- d) has

3. Identify the subject in the sentence:

“The bright stars shine at night.”

- a) shine at night
- b) bright stars
- c) The bright stars
- d) at night

4. Which quantifier can be used with countable nouns?

- a) much
- b) little
- c) many
- d) less

5. Which sentence is interrogative?

- a) Please lend me your pen.
- b) The children are playing outside.
- c) Why are you laughing?
- d) What a lovely flower!

6. Choose the correct reported speech:

Seema said, “I will help you.”

- a) Seema said that I will help you.
- b) Seema said that she would help me.
- c) Seema says she would help you.
- d) Seema said she help me.

7. Which sentence is in past perfect tense?

- a) She writes neatly.
- b) She was writing neatly.
- c) She had written neatly.
- d) She has written neatly.

8. Choose the correct quantifier:

“There is _____ juice in the bottle.”

- a) many
- b) few
- c) much
- d) several

9. Which sentence has correct subject–verb agreement?

- a) The bouquet of roses smell fresh.
- b) The bouquet of roses smells fresh.
- c) The bouquet of roses are fresh.
- d) The bouquet smell fresh.

10. Which sentence is exclamatory?

- a) The baby is sleeping.
- b) Shut the door.
- c) What an amazing idea!
- d) Did you finish the work?

B. Fill in the blanks-

- 1. Neither of the answers _____ correct. (is / are)
- 2. There are _____ chairs in the classroom for all the guests. (enough / little)
- 3. My father _____ reading the newspaper now. (is / are)
- 4. We have only _____ time left before the train arrives. (a little / many)
- 5. The players _____ practicing hard for the match. (was / are)
- 6. She said that she _____ completed the project. (had / has)
- 7. _____ students participated in the science exhibition.(Several / Much)
- 8. Either Rahul or his friends _____ responsible for this mess. (is / are)
- 9. I _____ my homework before I went to sleep. (had finished / finish)
- 10. There isn't _____ milk left in the fridge. (many / much)

C. Subject and Predicate Separate

the subject and predicate.

- 1. The old man walked slowly.
- 2. My best friend lives nearby.
- 3. The children were laughing loudly.
- 4. A little knowledge is dangerous.
- 5. The birds flew across the sky.

D. Types of Sentences

Write the type of each sentence.

- 1. Please help me with this sum. _____
- 2. What a brilliant performance! _____
- 3. Where do you live? _____
- 4. The earth revolves around the sun. _____
- 5. Kindly switch off the lights. _____

E. Tenses Practice Identify the

tense.

- 1. She is cooking dinner.

2. They had completed the project.

3. I visit my grandparents every Sunday.

4. We were waiting for the bus.

5. He has written a poem.

F. Reported Speech

Change into indirect speech.

1. Riya said, "I am reading a novel."

2. Mother said, "Do your homework."

3. He said, "We went to Delhi yesterday."

4. The teacher said, "The Earth is round."

5. Amit asked, "Where are you going?"

विषय - हिंदी (ग्रीष्म अवकाश गृह कार्य)

1. "मेरी प्रेरणा" पोर्टफोलियो सुंदर आवरण पृष्ठ बनाकर मेरा परिचय, मेरा परिवार, मेरा विद्यालय, मेरी रुचियों, मेरा प्रिय खेल, मेरा सपना विषयों पर 1-1 पृष्ठ लिखें। प्रत्येक पृष्ठ पर चित्र/फोटो, रंगीन बॉर्डर एवं प्रेरक पंक्तियाँ जोड़ें।

- किसी प्रेरणास्रोत व्यक्ति का परिचय, उनके गुण, जीवन से सीख, चित्र एवं प्रेरक प्रसंग सहित 5-6 पृष्ठ बनाएं।

2. यदि मैं पक्षी होता/होती / प्रकृति का महत्व पर 200 शब्द लिखें।

3. 15 मुहावरे

15 पर्यायवाची शब्द

15 विलोम शब्द

Subject -PUNJABI

1. ਨਾਮ ਤੇ ਪੜਨਾਵ ਦੀ ਪਰਿਭਾਸ਼ਾ ਤੇ ਉਨ੍ਹਾਂ ਦੇ ਭੇਦਾਂ ਦੀ ਜਾਣਕਾਰੀ ਦਿਓ ।
2. ਨਾਂਵ ਜਾਂ ਪੜਨਾਂਵ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ ਤੇ ਇਕ ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਪ੍ਰੋਜੈਕਟ ਤਿਆਰ ਕਰੋ।
3. ਆਪਣੇ ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਫੀਸ ਮੁਆਫੀ ਲਈ ਬੇਨਤੀ ਪੱਤਰ ਲਿਖੋ।
4. ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਦੀ ਸ਼ਹੀਦੀ ਤੇ ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟ ਕਰੋ।
5. ਹੇਠ ਲਿਖੇ ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ ਲਿਖੋ:
 1. ਜਿਹੜਾ ਕਦੇ ਨਾ ਮਰੇ
 2. ਸਭ ਦੇ ਦਿਲਾਂ ਨੂੰ ਜਾਣਨ ਵਾਲਾ
 3. ਜਿਹੜਾ ਲਕੜੀ ਦਾ ਕੰਮ ਕਰੇ
 4. ਜਿਹੜਾ ਦਿਖਾਈ ਨਾ ਦੇਵੇ
 5. ਰੱਬ ਦੀ ਹੋਂਦ ਨੂੰ ਮੰਨਣ ਵਾਲਾ।
 6. ਰੱਬ ਦੀ ਹੋਂਦ ਨੂੰ ਨਾ ਮੰਨਣ ਵਾਲਾ
 7. ਜਿਸ ਆਦਮੀ ਵਿੱਚ ਬਹੁਤ ਜੋਸ਼ ਹੋ ਗਏ।

8. ਪਿੰਡ ਦੀ ਪੰਚਾਇਤ ਦਾ ਮੁਖੀ
9. ਜਿਸ ਨੂੰ ਜਿੱਤਿਆ ਨਾ ਜਾ ਸਕੇ
10. ਜਿਸ ਨੂੰ ਹਰ ਚੀਜ਼ ਦਾ ਗਿਆਨ ਹੋਵੇ
11. ਜਿਸ ਦਾ ਕਿਸੇ ਨਾਲ ਵੈਰ ਨਾ ਹੋਵੇ
12. ਜਿਹੜਾ ਕੰਮ ਕਰਦੇ ਨਾ ਥੱਕੇ
13. ਜਿਹੜਾ ਨਜ਼ਰ ਨਾ ਆਵੇ
14. ਜਿਸ ਨੂੰ ਕਿਹਾ ਨਾ ਜਾ ਸਕੇ
15. ਆਪਣੇ ਨਾਲ ਵਾਪਰੀ ਘਟਨਾ
16. ਦੁਨੀਆਂ ਨਾਲ ਬੀਤੀ ਘਟਨਾ
17. ਜੋ ਹਰ ਇੱਕ ਨੂੰ ਚੰਗਾ ਲੱਗੇ
18. ਜਿਹੜਾ ਕੰਮ ਤੋਂ ਜੀਅ ਚੁਰਾਏ
19. ਪੁਸਤਕਾਂ ਲਿਖਣ ਵਾਲਾ
20. ਕਵਿਤਾ ਲਿਖਣ ਵਾਲਾ

6. ਹੇਠ ਦਿੱਤੇ ਚਿੱਤਰ ਦਾ ਵਰਨਣ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਕਰੋ।

FRENCH HOLIDAYS HOMEWORK

1. Mon Journal de Vacances (Holiday Diary)

Write 8–10 lines in French about your holidays every week including

Weather

Food

Places visited

Activities with family/friends

Example starters:

Pendant les vacances...

J'ai visité...

J'aime...

2. French Vocabulary Scrapbook

Make a colourful scrapbook with 30 new French words related to:

Food

Travel

Family

Nature

Sports

How to do -

French word

English meaning

One small drawing/picture

3. La France Project

Prepare a mini project on France including:

Flag

Famous monuments

Food

Fashion

Festivals

5 interesting facts

Decorate with maps and pictures.

4. Conversation Activity

Write and learn a short dialogue in French on: "At the Restaurant" Example topics:

Ordering food

Asking price

5. Creative Poster

Make a poster on: "Pourquoi apprendre le français ?" Add slogans, drawings and French quotes.

6. Learn 15 French tongue twisters

संस्कृत अवकाश गृहकार्य



१. लेखन कार्य:

- प्रतिदिन ५ वाक्य संस्कृत में लिखें।
- “मम विद्यालयः” विषय पर १० वाक्य लिखें।
- १० नये शब्द लिखकर उनके अर्थ लिखें।

२. व्याकरण कार्य:

- १० संज्ञा शब्द लिखें।
- १० सर्वनाम शब्द लिखें।
- १० क्रिया शब्द लिखें।

३. पठन कार्य:

- किसी भी संस्कृत पाठ को पढ़ें और उसका अर्थ लिखें।

४. रचनात्मक कार्य:

- “मम ग्रीष्मावकाशः” विषय पर चित्र बनाकर ५ वाक्य लिखें।



SCIENCE AROUND ME

Instructions for Students

- Complete the work neatly in an A4 scrapbook/file.
- Use colours, drawings, pictures, labels, and your own ideas.
- Make it attractive and innovative.
- Parents may guide, but work should be done by the child.

1. SCIENCE ART INTEGRATION (Creative Work)

LEAF TREASURE HUNT – “Know the Plants Around You”

Collect 5 different leaves from your surroundings. For each leaf: Paste it, draw its shape and write:

1. Name of plant
2. Whether it is herb/shrub/tree
3. Smell if any /texture
4. One medicinal or useful property
(Learning Link: Chapter: Life processes in Plants)

2. MAKE A “SUN SCIENCE WHEEL”

Make a colourful wheel showing:

<i>Uses of Sunlight</i>	<i>Solar energy</i>	<i>Vitamin D</i>
<i>Drying clothes/grains</i>	<i>Photosynthesis</i>	<i>Solar cooker</i>

3. HUMAN BODY POP-UP MODEL

Create a pop-up or foldable model of: (Use waste material/cardboard/chart)

- ❖ *Digestive system* (Roll no 1-10)
 - ❖ *Respiratory system* (Roll no 11-20)
 - ❖ *Excretory system* (Roll no- 21-30)
 - ❖ *Neuron cell* (Roll no- 31-40)
- Label parts and write one function of each.

4. OBSERVE AND EXPLORE (Imaginative Scientific Observation)

Perform kitchen science experiments and record in lab files under the headings-

- Experiment 1
- Observation
- Why did it happen?

EXPERIMENTS

1. Dissolving sugar in hot/cold water
2. Melting ice
3. Lemon + baking soda
4. Adding Oil and water
5. Prepare red cabbage solution and observe the colour change with lemon juice and soap solution

Click you pictures while performing the experiments and also paste in lab files.

(Chapter: Physical and Chemical Changes / Acids and bases/ Heat)

5. SHADOW DETECTIVE DIARY

Observe your shadow at: 8 AM, 12 Noon, 4 PM and 8PM outside in open and inside the room for 3 different days

Draw the shadow size and direction. Then answer:

- 1) When was the shadow shortest?
- 2) Why does shadow change?
- 3) Does the colour of the shadow change?
- 4) Does the shadow show the complete detail of your body?
- 5) Where the shadow is formed? (Chapter: Light)

6. WATER WARRIOR SURVEY

Survey your house for one week:

Write down:

- * How many buckets of water used in bathing?
- * Water used in washing utensils?
- * Water wasted?

Now suggest 5 smart ways to save water at home.

Prepare a poster on save water and add a suitable slogan to it.

(Chapter: Water – A Precious Resource)

7. MAKE A SCIENCE COMIC STRIP

Create a 1-page comic on the following with minimum 6 boxes with dialogues.

- Journey of food in our body
- A drop of water travelling on Earth
- Conversation between Sun and Plants
- Save Forest Save Life

8. HANDS-ON MODEL MAKING

Make ANY ONE working model –

- ❖ Control Pollution
- ❖ Science and Health
- ❖ Save Electricity
- ❖ Waste Management

9. SCIENCE PHOTOGRAPHY CHALLENGE

Click *10 pictures of Science Around You* such as:

- Reflection
- Shadow
- Evaporation
- Plants growing
- Electric appliances

- □ Rusting iron
- □ Water storage
- □ Animals feeding
- □ Electric circuits

Make a collage of the above pictures write a paragraph on Exploring Science

10. FUN TASKS

Perform any 3 Science *Magic Tricks* and record your video while performing.

➤ □ Do the given worksheet on A-4 size sheets

Section A – Multiple Choice Questions (MCQs)

1. The process by which green plants prepare their food is called:

- a) Respiration b) Photosynthesis c) Transpiration d) Germination
2. Tiny pores present on leaves for exchange of gases are called:

- a) Veins b) Roots c) Stomata d) Xylem

3. Which part of the plant absorbs water and minerals from the soil?

- a) Stem b) Flower c) Leaf d) Root

4. Transfer of heat in solids mainly takes place through:

- a) Radiation b) Conduction c) Evaporation d) Condensation

5. Sea breeze occurs during:

- a) Night only b) Morning c) Daytime d) Winter

6. Which of the following is a good conductor of heat?

- a) Plastic b) Wood c) Iron d) Rubber

7. Which gas is released during photosynthesis?

- a) Nitrogen b) Oxygen c) Carbon dioxide d) Hydrogen

8. Wearing woollen clothes in winter keeps us warm because wool:

- a) Produces heat completely b) Absorbs sunlight c) Traps air d) Reflects heat

Section B – Assertion and Reason Choose

the correct option:

- 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.
9. Assertion (A) : Leaves are called the food factories of plants.

Reason (R): Leaves contain chlorophyll which helps in photosynthesis.

10. Assertion (A): Metal utensils are fitted with plastic handles.

Reason (R): Plastic is a poor conductor of heat.

11. Assertion (A): Desert plants have fewer leaves.

Reason (R): Fewer leaves reduce water loss through transpiration.

12. Assertion (A): Warm air rises upward.

Reason (R): Warm air is lighter than cold air.

Section C – Short Answer Questions

13. Write any two functions of roots.

14. What is photosynthesis? Name the raw materials needed for this process.

15. Differentiate between conductors and insulators of heat with one example each.

16. Why are light-coloured clothes preferred during summer?

17. What is transpiration? Mention one importance of transpiration in plants.

18. Explain how convection currents are formed in water.

Section D – Competency-Based Questions

19. Riya kept one plant in sunlight and another in a dark room for five days. She observed that the plant kept in sunlight remained healthy while the other became weak and pale.

a) Why did the plant in the dark room become weak?

b) Which process could not take place properly?

c) Name the pigment responsible for this process.

20. A steel spoon and a wooden spoon were placed in a cup of hot soup. After some time, the steel spoon became hotter than the wooden spoon.

a) Which spoon is a better conductor of heat?

b) Why did the wooden spoon remain less hot?

c) Name the method of heat transfer involved.

21. A gardener observed droplets of water on the edges of leaves early in the morning.

a) Which plant process is related to this observation?

b) From where does the water come?

c) How is this process useful to plants?

22. During summer afternoons, cool air from the sea moves towards land areas.

a) What is this phenomenon called?

b) Which mode of heat transfer causes it?

c) Why does air above land rise up?

Section E – Case Study Based Questions

Case Study 1: The Green Leaf Experiment

A student covered part of a leaf with black paper and kept the plant in sunlight for a few hours. Later, the leaf was tested with iodine solution. The uncovered part turned blue-black while the covered part did not.

- Why did the uncovered part turn blue-black?
- Which substance is indicated by the blue-black colour?
- Why did the covered part not show the same result?
- What does this experiment prove?

Case Study 2: Heat in Daily Life

Meena's mother uses a wooden spatula while cooking food in a metal pan. She also keeps hot tea in a thermos flask.

- Why is the spatula made of wood?
- Which property of wood makes it suitable?
- What is the purpose of a thermos flask?
- Name one mode of heat transfer reduced by a thermos flask. **Section F – Higher**

Order Thinking Questions (HOTS)

- Why do plants kept inside closed rooms for many days show poor growth even if they are watered regularly?
- Why does a black surface become hotter faster than a white surface in sunlight?
- How are sea breeze and land breeze useful for coastal regions?
- Suppose all stomata on a plant's leaves are blocked. Predict any two effects on the plant.

MATHEMATICS

Instructions for Students

- Use an A4 notebook/file and decorate it creatively.
- Attempt all activities neatly with proper headings.
- Use colours, charts, cuttings, drawings, and real-life examples.
- Try to observe Mathematics in daily life.

FUN WITH NUMBERS

- Number Detective- A-4 size sheet.

Find and paste/write:

1. 5 even numbers from newspaper headlines
2. 5 odd numbers from vehicle numbers
3. 5 mobile numbers of your relatives

Write all the above numbers in words in Indian as well as American System

2. Magic Square Challenge



MAGIC SQUARES

A Magic Square is a square such that the sum of the numbers in each row, column and diagonal is equal. Can you solve this?

2		6
4		8

Sum: 15

Create your own *3×3 magic square* using numbers 1–9.

Then create:

☐ one addition magic square

☐ one multiplication magic square

Decorate creatively.

3. Integers Around Us

Observe your daily life and write 5 situations where positive and negative integers are used on A-4 size sheet

☐ Example: Temperature below $0^{\circ}\text{C} = -5^{\circ}\text{C}$

FRACTIONS & DECIMALS IN REAL LIFE

1. Kitchen Math Activity

Observe any recipe at home and answer:

1. Write the ingredients used.
2. What fraction of ingredients are liquids and solids?
3. Convert measurements into decimals.
4. Double the recipe quantities mathematically.

Example:

$\frac{1}{2}$ cup water = 0.5 cup of water Paste/draw the recipe.

2. Shopping Bill Mathematics

Visit a grocery shop or use any old bill. Paste the bill on A-4 size sheet and write-

- * Decimal numbers if any in the bill
- * Add total cost of 3 items.
- * Calculate: Discount (if any)
- * Estimated total bill
- * Difference between estimated and actual amount

GEOMETRY AROUND US

Shape Photography Project


Make a collage of the objects representing following shapes

Circle Triangle Rectangle Cube

Cylinder Sphere

Rangoli Symmetry Activity

Create a rangoli design showing on A-3 size sheet

 Line symmetry

 Rotational symmetry

BONUS ACTIVITIES

1. Learn and perform any two Vedic Maths tricks(Roll no 1-12)
2. Create a “Math Dictionary” with 20 important terms. (Roll no 13-24)
3. Make a model using geometrical shapes.(Roll no- 25-36)
4. Create a game using number line (Roll no 37-44)

Do the given worksheets.

SECTION A: MCQ

Q1. Population of India in 2024 was about 1,428,627,663. In Indian system this is read as:

- a) One billion four hundred twenty-eight million six hundred twenty-seven thousand six hundred sixty-three
 - b) One arab forty-two crore eighty-six lakh twenty-seven thousand six hundred sixty-three
 - c) One hundred forty-two crore eighty-six lakh twenty-seven thousand six hundred sixty-three
 - d) Both b & c
- Q2. 1 million = ____ lakhs

- a) 1 b) 10 c) 100 d) 1000

Q3. Distance to Moon = 3,84,400 km. Place value of 8 is:

- a) 8,000 b) 80,000 c) 8,00,000 d) 80

Q4. Which is greatest: 99 lakh, 1 crore, 99,00,000, 1,00,001?

- a) 99 lakh b) 1 crore c) 99,00,000 d) 1,00,00,001

Q5. 10 crore – 1 = _____

- a) 9,99,99,999 b) 9,99,99,99 c) 10,00,00,000 d) 9,00,00,000

SECTION B: Fill in the Blanks

Q6. Smallest 8-digit number = _____

Q7. 1 km = _____ mm.

Q8. In 5,67,89,123 the digit at ten lakh place is _____

Q9. Successor of 6,99,99,999 is _____

Q10. 1 billion dollars = ___ crore rupees if \$1 = ₹83

SECTION C: Short Answer

Q11. Write in expanded form: 78,05,09,06

Q12. Arrange in ascending order : 3,45,67,890 ; 3 crore ; 345 lakh ; 3,54,76,890

Q13. India's area = 32,87,263 sq km. Write in words in both Indian & International system.

Q14. A factory makes 12,85,000 bulbs per day. How many bulbs in 1 year?

Write answer in crores. Q15. Use <, > or = :

a) 1 crore _____ 10 million

b) 50 lakh _____ 5,00,000

SECTION D: Large Numbers Around Us – Real Life Q16.

Light Year: Light travels 9,46,08,00,00,000 km in 1 year.

a) Write in words – Indian system

b) How many zeroes are there?

c) If Sun is 15,00,00,000 km away, how many times smaller than 1 light year?

Q17. Budget 2026: India's Union Budget = ₹47,65,768 crore

a) Write in digits without "crore"

b) If population = 142 crore, find money per person. Round to nearest hundred.

c) Which is more: Defence budget ₹6,21,541 crore or Education ₹1,12,899 crore?
how much?

Q18. Social Media: YouTube has 2,700,000,000 users. Instagram has 2 billion users.

a) Write both in Indian system

b) How many more YouTube users than Instagram?

c) If 1 crore = 1 cm on number line, how long is the line for YouTube users?

SECTION E: HOTS – Think & Solve Q19.

Ramesh's bank balance on 1st May: ₹8,45,670

Transactions:

Deposited ₹2,50,000, Withdraw ₹3,15,500,

Deposited ₹60,000, Withdraw ₹9,40,170

a) Find final balance. Is it positive or negative?

b) What does negative balance mean?

c) Write final balance in words.

Q20. Estimation: Cost of 1 Mars Mission = ₹7,000,000,000

Cost of 1 mid-day meal = ₹15

a) How many children can be fed with Mars Mission money?

b) If India has 25 crore students, is the money enough for all for 1 day? Explain.

CHAPTER: OPERATIONS WITH INTEGERS

SECTION A: MCQ

Q1. $(-7) + (+12) =$ _____

a) -19 b) +5 c) -5 d) +19 Q2. The additive

inverse of -15 is:

a) -15 b) +15 c) 0 d) $1/15$

Q3. $(-6) \times (-5) \times 0 \times 3 =$ _____

a) 90 b) -90 c) 0 d) -30

Q4. On subtracting -9 from -4, we get:

a) -13 b) +5 c) -5 d) +13

Q5. Which is smaller: $(-8) + (-3)$ or $(-8) - (-3)$?

a) $(-8) + (-3)$ b) $(-8) - (-3)$ c) Both equal d) Cannot say Q6. If

$\square \times (-1) = 42$, then $\square =$ _____

a) 42 b) -42 c) 1 d) -1

SECTION B: Fill in the Blanks

Q7. $(-15) + \underline{\quad} = 0$ Q8.

$(-25) \div 5 = \underline{\quad}$

Q9. Product of 7 negative integers is $\underline{\quad}$ integer.

Q10. $(-1) \times (-1) \times \dots$ 18 times = $\underline{\quad}$

Q11. $0 \div (-8) = \underline{\hspace{2cm}}$

SECTION C: Solve

Q12. Simplify: $(-12) + 23 - (-7) - 15$

Q13. Verify: $(-8) \times [6 + (-3)] = (-8) \times 6 + (-8) \times (-3)$

Q14. Find product: $(-25) \times 18 \times (-4)$ using suitable property Q15. The temperature at 12 noon was 10°C above zero. If it decreases at 2°C per hour, what is the temperature at midnight?

SECTION D: Word Problems

Q16. Bank Account: Anu has ₹5,000. She withdraws ₹2,300, then deposits ₹1,500, then withdraws ₹6,200.

a) Write this using integers.

b) Find final balance. Is it overdraft?

Q17. Mountain & Ocean: Mt Everest is +8,848 m. Mariana Trench is 11,034 m.

a) What is the difference in height?

b) If a plane is at +10,000 m, how far is it from the trench?

Q18. Test Marks: In a test +3 for correct, -1 for wrong. Neha attempts 20 Qs, 12 correct.

a) Find her score using integers.

b) To pass she needs 30 marks. How many more correct answers needed if no wrong?

SECTION E: HOTS

Q19. Number Pattern: -40, -34, -28, -22, _____, _____, _____

- a) Write next 3 integers.
- b) What is the 15th term?
- c) Will -2 come in this pattern?

SUBJECT – SOCIAL SCIENCE

General Instructions for Holidays' Homework

1. Complete all worksheets neatly on A4 size sheets.
2. Make your projects on colourful A4 sheets, ensuring they are attractive and well- presented.

Add relevant pictures wherever necessary.
3. All models and projects should be creative and reflect original ideas.
4. Ensure you submit all assigned work on or before the given deadline.
5. Completion of holiday homework is compulsory for all students.

Make sure to maintain neatness, creativity, and timely submission. Enjoy your holidays productively!

ACTIVITY 1

International Union for conservation of nature has prepared a list of endangered species of flora and fauna. Collect pictures of any five animals mentioned as extinct species after the arrival of Homo sapiens on earth and paste the pictures and also write about them in the form of a wall hanging. You can mention the projects introduced by the Indian government to protect these animals. (Roll no.-41 and above)

ACTIVITY 2

Collect information about the following on the basis of Government in power.

Key Points:

i) Speaker of Lok Sabha. ii)

Chairman of Rajya Sabha iii)

Leader of Opposition Party iv)

Governor of your State

v) Chief Minister of your State.

ACTIVITY 3

Create a comic where you are a super hero saving Earth from Climate Change disasters - drought, floods, deforestation. Write creative dialogues and solutions with illustrations.

ACTIVITY 4

You are an archaeologist discovering remains of an ancient Mahajanapada.

Prepare an Investigation Report:

Key Pointers:

- Location of settlement
- Occupation of people

•Type of government

•Trade system •Religious

practices Add:

Drawings of tools/coins/pottery

ACTIVITY 5

Evolution of Trade Project Trace

the journey:

Barter → Coins → Paper Money → Digital Payments

Create a

- Timeline
- Flowchart
- Comparative chart

Including Advantages and disadvantages of each system.

- “Is digital money safer than physical money?”

GENERAL KNOWLEDGE

Theme: “Explore, Discover & Think Beyond!”

TASK 1: “Passport Around the World” Project

Activity:

Create a mini “World Passport Booklet”.

Instructions:

Choose any **8 countries** from different continents and dedicate **1 page** to each country.

Include:

- Flag
- Capital
- Currency
- Famous monument
- National food
- One amazing fact
- Greeting word in their language

Creative Twist:

Stamp each page like a real passport using:

- sketch pens
- thumb prints

- stickers
- handmade stamps

TASK 2: “India Through My Eyes” Interactive Scrapbook Prepare a colourful scrapbook titled:

IN **“Incredible India – Unity in Diversity”** Include the following sections creatively:

1. Indian Heritage

- Monuments
- Classical dances
- Traditional dresses

2. Indian Science & Space

- ISRO achievements
- Chandrayaan missions
- Famous Indian scientists

3. Incredible States

Choose any 5 states and write:

- Capital
- Famous food • Dance
- Tourist place

4. Indian Heroes

Paste or draw pictures of:

- Freedom fighters
- Sportspersons
- Scientists

5. “My Dream for India”

Write a short paragraph (80–100 words).

TASK 3: Creative Infographic Make a colourful infographic on:

“Save Earth, Save Future” Include:

- Climate change facts
- Water conservation tips
- Recycling ideas
- Green habits for students

Use:

- charts
- symbols
- diagrams
- slogans

GENERAL KNOWLEDGE

Section A: Answer the Following

1. Who is known as the “Missile Man of India”?

2. Which is the longest river in the world?

3. What is the capital of Australia?

4. Name the largest desert in the world.

5. Which gas do plants absorb from the atmosphere?

Section B: Fill in the Blanks

1. The headquarters of the United Nations is in _____.
2. The first woman Prime Minister of India was _____.
3. _____ is known as the Red Planet.
4. The study of earthquakes is called _____.
5. The national bird of India is _____.

Section C: Fun Riddles

1. What has hands but cannot clap?

2. I have cities but no houses, rivers but no water. What am I?

GENERAL KNOWLEDGE QUIZ

(Tick the correct option)

1. Which is the largest ocean in the world?

- a) Atlantic Ocean
- b) Indian Ocean
- c) Arctic Ocean
- d) Pacific Ocean

2. Who invented the light bulb?

- a) Isaac Newton
- b) Thomas Edison
- c) Graham Bell
- d) Nikola Tesla

3. Which continent is called the “Dark Continent”?

- a) Asia
- b) Africa
- c) Europe
- d) Antarctica

4. Which is the fastest land animal?

- a) Lion
- b) Tiger
- c) Cheetah
- d) Leopard

5. Which blood group is called the universal donor?

- a) AB+
- b) O- • c) B+
- d) A-

DIVINITY

Learn the name of 10 gurus.

Learn the first five pauri of Japji Sahib.

Learn shabad-Deh Shiva ver mohe hai--

Read lesson -1 to 5

SUBJECT: ARTIFICIAL INTELLIGENCE (AI) 🤖

BUILD YOUR OWN AI MODEL (CRAFT)

📌 **What to do:** Create a

3D AI Model 💡 Ideas:

📌 Robot using cardboard 🤖

📌 Smart home model 🏠

📌 AI traffic system 🚦 🔄 **Explain:**

📌 What is your model?

📌 How does AI work in it?

📌 🤖 **Model Inspiration:**

📌

ART WORK

1) Make a Madhubani Painting on A3 sheet.

2) Draw a Still Life Composition and shade neatly.

Craft Work

1) Make a Wall Hanging using wool, ice-cream sticks or paper.

2) Create a Photo Frame with decorative material.