

**SURAJ
SCHOOL
MANESAR**

**SURAJ
EDUCATION**

*Summer
Vacation*
**HOLIDAY
HOMEWORK**

SESSION 2026-27

Make your vacation
meaningful, fun-filled
and full of learning!

EXPLORE

LEARN

ENJOY

GROW

Name : _____

Class & Section : _____

Roll No. : _____

READ

LEARN

GROW

ENGLISH:

Holiday Homework Worksheet.

Instructions

- Write neatly in the Holiday Homework notebook.
- Use blue ink for writing.
- Read all questions carefully.
- Complete the work on time.
- Decorate the first page creatively.

1. Fill in the blanks with suitable pronouns.

1. Rina and I went to the library. _____ borrowed two books.
2. This bag belongs to Kavya. It is _____.
3. The boys enjoyed _____ during the picnic.
4. My parents love _____ very much.
5. The dog wagged _____ tail happily.

2. Rewrite the sentences using suitable pronouns.

1. Arjun lost Arjun's notebook yesterday.
2. Meera and Pooja are classmates. Meera and Pooja study together.
3. The children cleaned the children's classroom.
4. My brother gave my sister and me chocolates.
5. Ravi likes Ravi's new bicycle.

3. Underline the verbs in the following sentences.

1. The birds chirped loudly in the morning.
2. My father drives carefully on busy roads.
3. The students completed the project on time.
4. She sings beautifully during competitions.
5. We visited Agra during our vacation.

4. Choose the correct form of the verb.

1. She _____ to school every day.

(go/goes)

2. The boys _____ football in the playground now.

(is playing/are playing)

3. We _____ our homework yesterday.

(finish/finished)

4. My mother _____ delicious food for us.

(cook/cooks)

5. They _____ a movie last night.

(watch/watched)

5. Change the tense as directed.

1. He writes a letter. (Past Tense)

2. They played cricket. (Present Tense)

3. I am reading a novel. (Future Tense)

4. She will visit Jaipur next month. (Present Tense)

5. We eat dinner at 8 p.m. (Past Tense)

6. Fill in the blanks using suitable auxiliary verbs.

1. She _____ reading a storybook now.

2. They _____ completed the assignment.

3. I _____ going to the market tomorrow.

4. We _____ watching a movie when you called.

5. _____ you finished your homework?

7. Choose the correct modal verb.

1. You _____ respect your elders.

(must/might)

2. _____ I borrow your pen?

(Can/Should)

3. It _____ rain tonight.

(may/must)

4. Students _____ wear uniforms in school.

(should/could)

5. We _____ complete the project before Monday.

(must/can)

8. Rewrite the sentences using the modal verbs given in brackets.

1. It is necessary to wear a helmet while riding a bike. (must)

2. I am able to solve this puzzle. (can)

3. Perhaps she will come tomorrow. (might)

4. You are not permitted to enter this room. (may not)

5. It is important for us to help the needy. (should)

9. Identify the auxiliary verbs and modal verbs in the sentences.

Sentence	Auxiliary Verb	Modal Verb
She is singing beautifully.	_____	_____
You must follow the rules.	_____	_____
They were playing football.	_____	_____
I can solve this problem.	_____	_____
He has completed the work.	_____	_____

10. Read the situations and write suitable messages.

1. Your mother called while your friend was away. She asked him to call her back at 6 p.m. Write a message in about 40–50 words.

2. Your teacher informed you that tomorrow's class will start one hour late due to a meeting. Write a message for your classmates.

3. Your cousin visited your house when you were not at home. He asked you to bring his science notebook tomorrow. Write the message received from him.

11. Vocabulary Challenge

Write one synonym and one antonym for each word.

Word	Synonym	Antonym
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Brave _____

Honest _____

Ancient _____

Clever _____

Generous _____

12. Creative Writing

Write a paragraph in about 120–150 words on:

“How I Spent My Summer Vacation”

Use:

- at least 5 pronouns
- 5 verbs
- 3 auxiliary verbs
- 3 modal verbs

Notebook Instructions

- Complete all work in the Holiday Homework notebook.
- Write neatly and clearly.
- Submit the notebook after the holidays.
- Learn all the chapters done in the class Project work

Project work:

Instructions

- * Prepare the chart on A3 size sheet.
- * Make it colourful, neat, and creative.
- * Use pictures, borders, and examples.
- *

Roll Numbers 1–5

Topic: Parts of Speech Tree

Draw a grammar tree showing noun, pronoun, verb, adjective, etc.

Roll Numbers 6–10

Topic: Tenses Traffic Signal

Show past, present, and future tenses with examples.

Roll Numbers 11–15

Topic: Sentence Train

Make a train showing subject, verb, object, adjective, etc.

Roll Numbers 16–20

Topic: Direct and Indirect Speech Comic

Create comic-style speech bubbles with narration examples.

Roll Numbers 21–25

Topic: Active and Passive Voice

Show sentence changes using arrows and colours.

Roll Numbers 26–30

Topic: Preposition Park

Draw pictures explaining on, under, behind, between, etc.

Roll Numbers 31–35

Topic: Modal Verbs Umbrella

Explain can, could, may, should, must with examples.

विषय – हिंदी

प्रश्न 1. संज्ञा की परिभाषा लिखिए। इसके कितने भेद होते हैं? उदाहरण सहित समझाए।

प्रश्न 2. निम्नलिखित शब्दों के संज्ञा भेद लिखिए।

ईमानदारी , जयपुर, सैनिक, बचपन, हिमालय, मिठास

प्रश्न 3. नीचे दिए गए वाक्यों में संज्ञा शब्द छाँटकर लिखिए।

भारत एक महान देश है।

मोहन प्रतिदिन विद्यालय जाता है।

गंगा भारत की पवित्र नदी है।

बच्चों ने बगीचे में पौधे लगाए।

सत्य की हमेशा विजय होती है।

प्रश्न 4. रिक्त स्थानों में उचित संज्ञा शब्द भरिए।

_____ भारत की राजधानी है।

_____ जंगल का राजा कहलाता है।

हमें हमेशा _____ बोलना चाहिए।

_____ एक प्रसिद्ध पर्वत है।

प्रश्न 5. निम्नलिखित शब्दों के बहुवचन लिखिए।

पुस्तक, बालक , वस्तु

मजदूर, तितली, लड़की

प्रश्न 6. निम्नलिखित पुल्लिंग शब्दों के स्त्रीलिंग शब्द लिखिए

राजा, शेर, पुत्र, अध्यापक, देवता , धोबी, पंडित

प्रश्न 7. नीचे दिए गए वाक्यों में लिंग और वचन बदलकर पुनः लिखिए।

लड़का मैदान में खेल रहा है।

गाय घास खा रही है।

बच्चा कहानी पढ़ रहा है।

प्रश्न 8. सही विकल्प चुनिए।

“लड़कियाँ” शब्द का वचन है –

(क) एकवचन

(ख) बहुवचन

“माता” शब्द का लिंग है –

(क) पुल्लिंग

(ख) स्त्रीलिंग

“पुस्तकें” शब्द का एकवचन है

(क) पुस्तक

(ख) पुस्तिका

प्रश्न 9. सर्वनाम की परिभाषा उदाहरण सहित लिखिए।

प्रश्न 10. निम्नलिखित वाक्यों में सर्वनाम शब्द पहचानकर लिखिए।

वह मेरा मित्र है।

हम कल दिल्ली जाएँगे।

तुम बहुत अच्छा लिखते हो।

यह मेरी पुस्तक है।

वे क्रिकेट खेल रहे हैं।

प्रश्न 11. रिक्त स्थानों में उचित सर्वनाम भरिए।

(मैं, हम, वह, तुम, वे)

_____ प्रतिदिन योग करते हैं।

_____ मेरा छोटा भाई है।

_____ बहुत ईमानदार हो।

_____ बाज़ार जा रहा हूँ।

_____ विद्यालय के छात्र हैं।

प्रश्न 12. नीचे दिए गए वाक्यों में संज्ञा के स्थान पर उचित सर्वनाम लिखकर वाक्य पुनः लिखिए।

रीना नृत्य कर रही है।

मोहन और सोहन मित्र हैं।

बच्चे पार्क में खेल रहे हैं।

अनुच्छेद लिखे

व्यायाम का महत्व

समाचार पत्र

कोई भी एक औपचारिक और एक अनौपचारिक पत्र लिखें।

बढ़ती हुई महंगाई को लेकर मां और पुत्र के बीच संवाद लेखन लिखिए।

MATHS:

Chapter 1: A Square and A Cube

- Q1. Find the square roots of: 324, 784, 2025 and 4900.
- Q2. Find the cube roots of: 1728, 2744 and 4913.
- Q3. Find the least number by which 540 must be multiplied to make it a perfect square.
- Q4. Find the smallest number by which 432 must be divided to make it a perfect cube.
- Q5. Without actual multiplication, determine whether 1764 is a perfect square.
- Q6. Find the number of digits in the square of 999.
- Q7. Find the value of: $(35^2 - 15^2) \div 20$.
- Q8. A square field has area 4356 m^2 . Find its perimeter.
- Q9. Find the least perfect square divisible by 12, 18 and 30.
- Q10. The volume of a cube is 13824 cm^3 . Find its edge.
- Q11. Find the square root of 0.000484.
- Q12. Evaluate: $\sqrt{1296} + \sqrt[3]{2197}$.

Chapter 2: Power Play

- Q13. Simplify: $2^3 \times 2^5 \div 2^4$.
- Q14. Express 0.000072 in standard form.
- Q15. Simplify: $(5^2 \times 5^4) \div 5^3$.
- Q16. Evaluate: $(3^4 \times 3^2) \div 3^3$.
- Q17. Simplify: $(2^5)^3 \div 2^7$.
- Q18. Write 7,25,00,000 in scientific notation.
- Q19. Find the value of: $10^5 \times 10^{-3}$.
- Q20. Simplify: $(4^3 \times 4^5) \div 4^2$.
- Q21. Express the distance from Earth to Moon (384000 km) in standard form.
- Q22. Evaluate: $(2^3 \times 5^3)$.
- Q23. Find the value of: $(9^2 \times 9^{-1}) \div 9^3$.
- Q24. A bacterium doubles every hour. If initially there are 5 bacteria, how many will there be after 8 hours?

Ch-3 Story of numbers:

- Q25.** What were the limitations of early counting methods using stones and marks?
- Q26.** Why did ancient humans feel the need to develop number systems?
- Q27.** Name any three ancient civilizations that developed their own number systems.
- Q28.** Write the Roman numerals for 49, 78, 99 and 245.
- Q29.** Convert the following Roman numerals into Hindu-Arabic numerals: XLVIII, XCIV, CLX.
- Q30.** Write the Hindu-Arabic numerals for: MCCXLV, DCCLXXXIX and CMXCIX.
- Q31.** Why is the Roman numeral system not suitable for large calculations?
- Q32.** Explain the importance of place value in the Hindu-Arabic number system.
- Q33.** What is meant by a positional number system? Give examples.
- Q34.** Differentiate between positional and non-positional number systems.

Ch-5 :Number play:-

- Q35.** Find the HCF and LCM of 84 and 126.
- Q36.** Using divisibility tests, determine whether 56784 is divisible by 9 and 11.
- Q37.** Find the prime factorisation of 3780.
- Q38.** Find the smallest 4-digit number divisible by 18, 24 and 30.
- Q39.** A number leaves remainder 5 when divided by 8 and remainder 7 when divided by 10. Is 87 such a number?
- Q40.** Find the greatest 5-digit number exactly divisible by 48.
- Q41.** Find whether 99991 is prime or composite.
- Q42.** Using prime factorisation, find the HCF of 252, 378 and 630.
- Q43.** Find the least number that must be added to 5600 to make it divisible by 27.
- Q44.** Determine whether 123456789 is divisible by 9.
- Q45.** The product of two numbers is 2028 and their HCF is 13. Find their LCM.
- Q46.** Find the smallest number divisible by each of 8, 12, 15 and 18.

Chapter 6: We Distribute, Yet Things Multiply

- Q47.** Simplify: $(5x^2 - 3x + 7) + (2x^2 + 9x - 4) - (4x^2 - x + 6)$
- Q48.** Simplify: $(7a - 5b + 3c) - (4a + 2b - 6c) + (9a - 7b + c)$
- Q49.** Simplify: $(3x^2y - 2xy^2 + 5) + (4xy^2 - 6x^2y - 8)$
- Q50.** Multiply: $(2x + 5)(3x - 7)$
- Q51.** Multiply: $(4a - 3b)(2a + 5b)$
- Q52.** Expand and simplify: $(x + 4)(x + 4) - (x - 2)(x + 3)$
- Q53.** Simplify using identities: $(5x + 2)^2$
- Q54.** Simplify: $(3a - 4b)^2$
- Q55.** Expand completely: $(2x - 3)(x^2 + 4x - 5)$
- Q56.** Divide: $(12x^3y^2 - 18x^2y + 24xy^3) \div 6xy$
- Q57.** Divide: $(20a^2b - 15ab^2 + 10ab) \div 5ab$
- Q58.** Simplify: $(6x^2 - 15x) \div 3x$
- Q59.** Simplify: $[(2x + 3y) - (x - 5y)] + [(4x - y) - (3x + 2y)]$
- Q60.** Simplify: $(2a + 3b)(a - 2b) + (a + b)(a + 4b)$

SCIENCE:

Subject - Science

Q1. Project and Model

- a. Structure of atom
- b. Plant cell and animal cell
- c. Various types of micro- organisms

Q2. Prepare a list of different diseases and classify into communicable and non- communicable diseases and also tell the mode of transmission of diseases.

Q3. In Sunshine Public School, 5 students of Grade 8 developed chickenpox within the same week. The students had fever, rash, and fluid-filled blisters. The class teacher noticed that more students started complaining of similar symptoms. Parents are worried, and the school wants to prevent further spread.

Based on the above situation, answer the following:

- a) Why is chickenpox considered a communicable disease?
- b) List any three steps the school should take immediately to control the spread of chickenpox.
- c) What advice should be given to students who are not yet infected to protect themselves?

Q4. Anil noticed that cut apples turn brown after some time, but when lemon juice is added, they stay fresh longer. He wondered _“Why does this happen?”_ He searched online, asked his teacher, and then did a small experiment. He took 3 apple slices: one plain, one with lemon juice, and one with water. He observed them every 10 minutes and noted that the lemon juice slice stayed fresh the longest. He concluded that lemon juice prevents browning.

Based on the above situation, answer the following:

- a) How did Anil's curiosity lead him to follow a scientific approach?
- b) Write the four steps of the scientific method that Anil followed in order.
- c) Give one example from your daily life where curiosity can lead to research or discovery.

Q5. Riya visited a scrapyard with her father. She saw a large crane lifting heavy iron junk just by switching on a device, and dropping it when the device was switched off. Her father told her it works using an electromagnet.

Based on the above situation, answer the following:

- a) What is an electromagnet? How is it different from a permanent magnet?
- b) State two factors on which the strength of an electromagnet depends.
- c) Mention two uses of electromagnets in our daily life other than in scrapyards.

Q6. Write the note on various cell organelles.

Q7. Prepare mole Concept and write 20 numerical from MTG foundation book

Q8. Prepare the following chapters-

- a. Heating and Magnetic effect of electric current
- b. Health- The ultimate treasure
- c. Atoms and molecules

SST:

Ch 3: The Rise of Marathas

Ch 4: The Colonial Era in India

Name: _____

Class & Sec: _____

A. Multiple Choice Questions

1. Who founded the Maratha Empire?
 - a) Akbar
 - b) Shivaji Maharaj
 - c) Aurangzeb
 2. The Marathas were famous for _____ warfare.
 - a) naval
 - b) guerrilla
 - c) air
 3. Which company established British rule in India?
 - a) French Company
 - b) East India Company
 - c) Dutch Company
 4. The Battle of Plassey was fought in:
 - a) 1757
 - b) 1857
 - c) 1947
-

B. Fill in the Blanks

1. Shivaji Maharaj's mother was _____.
 2. The prime minister of the Marathas was called _____.
 3. The Revolt of _____ is known as the First War of Independence.
-

C. Short Answer Questions

1. Write two qualities of Shivaji Maharaj.
 2. Why did the British come to India?
-

D. Activity Work

1. Draw and colour the Maratha flag.
2. Paste pictures of:
 - Shivaji Maharaj
 - Raigad Fort
 - East India Company

Write 2 lines about each.

E. Creative Task

Write a short paragraph on:

“Life in India during British Rule”

SANSKRIT:

प्रश्न 1: रिक्त स्थान भरिए

त्वम् विद्यालयं _____ । (गम् – लङ् लकार)

युवाम् फलानि _____ । (खाद् – लङ् लकार)

अहम् पुस्तकं _____ । (पठ् – लङ् लकार)

आवाम् उद्यानं _____ । (गच्छ् – लङ् लकार)

भवान् सत्यं _____ । (वद् – लोट् लकार)

सही विकल्प चुनिए

प्रश्न 2: “तुम गए” का संस्कृत रूप है –

(क) अगच्छत्

(ख) अगच्छः

(ग) अगच्छम्

प्रश्न 3: “हम दोनों पढ़े” का संस्कृत रूप है –

(क) अपठाव

(ख) अपठत

(ग) अपठम्

प्रश्न 4: “जाओ” का संस्कृत रूप है –

(क) गच्छतु

(ख) गच्छ

(ग) गच्छामि

प्रश्न 5: “मैं खेला” का संस्कृत रूप है –

(क) अक्रीडम्

(ख) अक्रीडः

(ग) अक्रीडत्

प्रश्न 6: संस्कृत में अनुवाद कीजिए

तुमने भोजन खाया।

मैंने जल पिया।

हम दोनों विद्यालय गए।

तुम पढ़ो।

प्रश्न 7: “पठ्” धातु का लट् लकार लिखिए

राम शब्द रूप लिखे

1 से 25 तक गिनती संस्कृत में लिखें

संस्कृत में किन्हीं पांच फलों के नाम लिखें

GK:

Class 8 – Current Affairs Questions (2026)

1. Who is the current President of India in 2026?
2. Who is the current Prime Minister of India?
3. Which Indian space mission is studying the Sun?
4. Name the Indian mission that successfully landed near the south pole of the Moon.
5. Which organization conducts elections in India ?
6. Which country is hosting the 2026 FIFA World Cup?
7. Name the Indian athlete famous for javelin throw who won international medals recently.
8. Which city is known as the financial capital of India?
9. What is the theme of World Environment Day celebrated on 5 June 2026?
10. Which summit group includes India, USA, China, Russia, and other major economies?

11. Which Indian state recently focused on renewable energy and solar projects?
12. Name one important step to reduce plastic pollution.
13. Which Indian organization is responsible for space research?
14. Which country won the ICC Champions Trophy 2025?
15. What is the importance of the Digital India programme?
16. Which day is celebrated as International Yoga Day?
17. Which Indian river is considered the longest in India?
18. What are the major causes of climate change?
19. Name one recent technological development that helps students in education.
20. Why is environmental conservation important for future generations ?

IT:

1. Networking Model

Create a LAN/WAN network model using threads, cardboard, and labels.

2. AI Around Us Photo Hunt

Take photos/draw examples of AI around you: Face unlock, smart TV, maps, voice assistants, etc.

3. Presentation Task

Create a 5-slide presentation: Technology in Daily Life.

French:

1. Projet

Prepare a chart/poster on:

“La France”

Include:

- a. Famous monuments
- b. Food
- c. Culture
- d. Flag
- e. Language

2. Compréhension

Read a short French passage/story twice a week and write:

- a. 5 new words and their English meanings

Note: Read the lesson taught in class.