

LEARN
GROW
ACHIEVE

SUMMER VACATION

HOLIDAY HOMEWORK

2026

CLASS : 7th



Believe in yourself, stay focused, and make this summer your best chapter yet!

GLOBAL NAV JEEWAN SR. SEC. SCHOOL

MATHS

1. Prepare Chapter-1 Integers and Ch-3 Rational Numbers for Unit Test-1.
2. Do all the examples of Ch-1, Ch-3, Ch-12, and Ch-13 in assignment copy.
3. Write Properties of operations of Integers (from page number 20 to 23 in your book) OR types of sets (page number 95 - 96 in your book) in a beautiful writing on light coloured chart paper.

OR

- Types of sets (page number 95 in your book)
4. Write on A-4 size sheet:
 - ☀ Types of Angles (For Roll No. 1 to 25) [Pg No 193 in your book]
 - ☀ Pairs of Angles (For Roll No. 26 to 30) [Pg No 193 in your book]
 - ☀ Classification of Triangles (For Roll No. 31 to 45) [Pg No 211 & 212]
5. Answer the following questions:
 - a. What is Baudhāyana Theorem? What is its other popular name?
 - b. Write angle sum property of a triangle.
 - c. Draw two parallel lines. Locate:
 - (i) Corresponding angles
 - (ii) Alternate Exterior angles
 - (iii) Alternate Interior angles
 - (iv) Co-interior angles
 - d. Learn and write difference between Collinear points and non-collinear points with examples.
 - e. Learn and write properties of Lines.
6. Collect temperature of (month) June. Write maximum and minimum temperature daily. Find which is the hottest day and what work you have done on this day. List at least 5 things. Write in assignment copy.
7. Morning walk is useful for everyone. You must go to morning walk in summers. Go to the park daily and observe different types of trees planted over four weeks (in the month of June). You must organize this data into a frequency distribution table and draw a colourful bar graph or pictograph. Also find out what fraction of the total trees were fruit-bearing vs. shade-giving in practical file.

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WORKSHEET -1

Lines and Angles

Q1. MCQs

1. Two lines intersecting at a point form:

- a) One angle b) Two angles c) Four angles d) Six angles

2. Vertically opposite angles are:

- a) Equal b) Unequal c) Complementary d) Supplementary

3. If two angles sum to 90° , they are:

- a) Adjacent b) Complementary c) Supplementary d) Linear pair

4. A linear pair of angles always sums to:

- a) 90° b) 120° c) 180° d) 360°

5. If two lines never meet, they are:

- a) Intersecting b) Parallel c) Perpendicular d) Transversal

Q2. Fill in the blanks: -

1. Two angles whose sum is 180° are called _____ angles.

2. When two lines intersect, vertically opposite angles are always _____.

3. A line that intersects two or more lines is called a _____.

4. The sum of angles forming a straight line is _____.

5. Adjacent angles have a _____ vertex and a _____ arm.

Q3. Solve the Following: -

1. If one angle of a linear pair is 65° , find the other angle

2. Two complementary angles are $(x + 20)^\circ$ and $(x - 10)^\circ$. Find x.

3. If vertically opposite angles are given as $(3x + 10)^\circ$ and $(5x - 30)^\circ$, find x.

WORKSHEET -2

Section A: Multiple Choice Questions

1. Which of the following is the additive inverse of -25?

- a) -25 b) 0 c) 25 d) 1

2. The product of two negative integers is always:

- a) Negative b) Positive c) Zero d) None of these

3. $(-10) \times [(-5) + (-2)]$ is equal to:

- a) 70 b) -70 c) 30 d) -30

4. What is the value of $15 \div (-3)$?

- a) 5 b) -5 c) 12 d) -18

5. Which property is represented by $a \times b = b \times a$?

- a) Associative Property b) Closure Property
c) Distributive Property d) Commutative Property

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Section B: Fill in the Blanks

1. The integer which is its own additive inverse is _____.
2. $(-48) \div _ = 1$.
3. The product of a positive integer and a negative integer is a ___ integer.
4. For any integer a , $a \div 0$ is ____.
5. $(-5) + [(-2) + (-3)] = [(-5) + _] + (-3)$.

Section C: Short Answer Questions

1. Evaluate the following using distributive property: $26 \times (-48) + (-48) \times (-36)$
2. A plane is flying at the height of 5000 m above sea level. At a particular point, it is exactly above a submarine floating 1200 m below sea level. What is the vertical distance between them?
3. Find the product using suitable properties: $8 \times 53 \times (-125)$
4. Verify $a - (-b) = a + b$ for the values $a = 21$, $b = 18$.
5. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer. Radhika answered all the questions and scored 30 marks though she got 10 correct answers. How many incorrect answers had she attempted?

Section D: Long Answer Questions

1. Temperature Change: The temperature at 12 noon was 10°C above zero. If it decreases at the rate of 2°C per hour until midnight, at what time would the temperature be 8°C below zero? What would be the temperature at midnight?
2. Property Investigation: Verify the associative property for multiplication $[(a \times b) \times c = a \times (b \times c)]$ using the following values:
 $a = -3$, $b = -2$, $c = 5$.
Also, explain in your own words why division of integers is not associative.
3. Elevator Problem: An elevator descends into a mine shaft at the rate of 6 meters per minute. If the descent starts from 10 meters above the ground level, how long will it take to reach -350 meters?
4. Application Question: Starting from the integer -10, perform the following operations in sequence:
 - a) Add 15.
 - b) Multiply the result by -2.
 - c) Subtract -5 from the result.
 - d) Divide the final answer by 5.What is the final integer obtained?

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WORKSHEET -3

Rational Numbers

Section A: Multiple Choice Questions

1. Which of the following is a rational number?

- a) $0/5$ b) $5/0$ c) Both a and b d) None of these

2. The additive inverse of $7/12$ is:

- a) $-7/12$ b) $7/12$ c) $12/7$ d) $-12/7$

3. A rational number p/q is said to be in standard form if p and q have no common factor other than:

- a) 0 b) 1 c) 2 d) Themselves

4. The product of $2/3$ and its reciprocal is:

- a) 0 b) $4/9$ c) 1 d) -1

5. Which is greater: $-4/5$ or $-3/5$?

- a) $-4/5$ b) $-3/5$
c) Both are equal d) Cannot be determined

Section B: Fill in the Blanks

1. The number _____ is neither a positive nor a negative rational number.

2. The reciprocal of a negative rational number is always a _____ rational number.

3. $3/4 + (\text{_____}) = 0$.

4. There are _____ rational numbers between any two given rational numbers.

5. The standard form of $-18/24$ is _____.

Section C: Short Answer Questions

1. Representation: Represent the following rational numbers on a number line:

- a) $3/4$ b) $-5/8$

2. Comparison: Arrange the following in ascending order: $-3/5, 2/5, 2/3$.

3. Simplification: Find the sum of $-5/9 + 2/9$.

4. Multiplication: Find the value of $3/5 \times 7/11$

5. Division: Simplify: $-4/5 \div 2$

Section D: Long Answer Questions

2. Finding Means: Find five rational numbers between $-1/2$ and $2/3$. Show your steps clearly by finding a common denominator.

3. Word Problem (Measurement): A container contains $21/4$ liters of milk. If $5/2$ liters of milk is consumed, how much milk is left in the container? Express the answer as a rational number in standard form.

4. Property Verification: Verify the property $x \times (y + z) = (x \times y) + (x \times z)$ (Distributive property) for: $x = 1/2, y = -2/3, z = 1/4$.

5. Operational Logic: The product of two rational numbers is $16/9$. If one of the numbers is $-4/3$, find the other number.

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SOCIAL STUDIES

MULTIDISCIPLINARY HOLIDAY HOMEWORK

Theme: War • AI • Smart Earth

PROJECT TITLE:

“Past, Present & Future: From War to Smart Earth ”

(INTERMEDIATE LEVEL)

Integrated Subjects:

SST + Science + English + Math + Art

Task:

1. Understanding War (SST + English)

Choose one war (basic level) Write:

Causes Effects

Create a timeline (Math integration – dates)

2. AI in Daily Life (Science + Technology + English)

Write Advantages & Disadvantages (5 each)

Conduct a survey (Math):

Ask 5 people about AI use

Present results in bar graph

3. Smart Earth

Study pollution in your area

Make a poster on sustainable living

Suggest 5 solutions for sustainable life.

WORKSHEET -1

Topic: Turkish Invasions, Muhammad Ghori, Battles of Tarain, Delhi Sultanate (Slave Dynasty & Razia Sultan)

A. Multiple Choice Questions (MCQs)

1. Who led the Turkish invasions into India?

a) Ashoka b) Muhammad Ghori c) Akbar d) Chandragupta

2. The First Battle of Tarain was fought in:

a) 1191 b) 1206 c) 1526 d) 1757

3. Who defeated Muhammad Ghori in the First Battle of Tarain?

a) Razia Sultan b) Qutub-ud-din Aibak c) Prithviraj Chauhan d) Iltutmish

4. The Second Battle of Tarain was won by:

a) Prithviraj Chauhan b) Muhammad Ghori c) Babur d) Alauddin Khilji

5. Who was the founder of the Slave Dynasty?

a) Razia Sultan b) Iltutmish c) Qutub-ud-din Aibak d) Balban

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B. Fill in the Blanks (Use Help Box)

Help Box: (1192, Delhi, Iltutmish, Razia Sultan, Slave Dynasty)

- 1.The Second Battle of Tarain was fought in _____.
- 2.Muhammad Ghori made _____ his capital in India.
- 3._____ was the daughter of Iltutmish.
- 4._____ was a powerful ruler of the early Delhi Sultanate.
- 5.The first ruling dynasty of the Delhi Sultanate was the _____.

C. True or False

- 1.Muhammad Ghori lost the Second Battle of Tarain. (_____)
- 2.Razia Sultan was the first and only 3.woman ruler of the Delhi Sultanate. (_____)
- 4.Qutub-ud-din Aibak was a slave who became a ruler. (_____)
- 5.The Turkish invasions had no impact on India. (_____)
- 6.Iltutmish strengthened the Delhi Sultanate. (_____)

D. One Word / One Line Answers

- 1.Name the ruler defeated in the Second Battle of Tarain.
- 2.Who succeeded Qutub-ud-din Aibak?
- 3.What is the meaning of "Slave Dynasty"?
- 4.Name the daughter of Iltutmish who became ruler.

WORKSHEET -2

Topic: Weather and Climate

Fill in the Blanks

- 1.The day-to-day condition of the atmosphere is called _____.
- 2.The average weather condition of a place over a long period is called _____.
- 3.Temperature is measured using a _____.
- 4.Rainfall is measured by a _____.
- 5.The amount of water vapor present in the air is called _____.
- 6.Wind speed is measured using an _____.
- 7.Wind direction is shown by a _____.
- 8.Air pressure is measured with a _____.
- 9.Places near the sea experience a _____ climate.
- 10.Extremely hot and dry regions have a _____ climate.
- 11.The movement of air from high pressure to low pressure is called _____.
- 12.The water cycle includes evaporation, condensation, and _____.
- 13.The sun is the main source of _____ energy for weather changes.
- 14.When air contains a large amount of water vapour, it is called _____ air.
- 15.The process by which water vapour turns into water droplets is called _____.
- 16.The process of water turning into vapour due to heat is called _____.
- 17.Weather forecasts help us to plan our _____ activities.

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- ★ The instrument used to measure humidity is called a _____.
- ★ The condition of the sky (clear, cloudy, etc.) is called _____.
- ★ The region near the equator generally has a _____ climate.

★ Assertion & Reasoning

★ Choose the correct option:

- ★ A) Both A and R are true and R is correct explanation
- ★ B) Both A and R are true but R is not correct explanation
- ★ C) A is true but R is false
- ★ D) A is false but R is true

★ Assertion (A): Mahmud of Ghazni invaded India many times.

★ Reason (R): He wanted to gain wealth and spread his empire.

★ Assertion (A): Muhammad Ghori succeeded in establishing rule in India.

★ Reason (R): He appointed governors to rule conquered territories.

★ Assertion (A): Prithviraj Chauhan won the Second Battle of Tarain.

★ Reason (R): He had a stronger army than Muhammad Ghori.

★ Assertion (A): Turkish invasions changed Indian history.

★ Reason (R): They led to the establishment of new dynasties in India.

SCIENCE

- ★ 1-Complete your notebook
- ★ 2-Do your worksheet
- ★ 3-Prepare a project (10–15 pages) explaining how AI contributes to building a Smart Earth. In your answer, include:
 - ★ Meaning of Smart Earth and Artificial Intelligence
 - ★ Role of AI in environmental protection, smart cities, and agriculture
 - ★ Use of AI in disaster management
 - ★ Advantages and challenges of AI
 - ★ Your own ideas on how AI can help improve the Earth in the future
 - ★ Support your work with diagrams, examples, poster/, or illustrations
- ★ Instructions:
 - ★ Write in your own words
 - ★ Make it neat and creative
 - ★ Add drawings or pictures wherever possible
 - ★ Be ready to present your project in class

WORKSHEET-1

- ★ Chapter: Physical and Chemical Changes
- ★ Section A: Multiple Choice Questions (MCQs)
- ★ Choose the correct option:
 - ★ Which of the following is a physical change?
 - a) Burning of paper b) Rusting of iron c) Melting of ice d) Cooking food
 - ★ A chemical change results in:
 - a) No new substance b) Formation of a new substance
 - c) Only change in size d) Change in shape only
 - ★ Which of the following is reversible?
 - a) Burning wood b) Rusting c) Melting wax d) Cooking rice
 - ★ Formation of curd from milk is a:
 - a) Physical change b) Chemical change c) Temporary change d) No change
- ★ Section B: Fill in the Blanks
 - ★ Changes that can be reversed are called _____ changes.
 - ★ Rusting of iron is a _____ change.
 - ★ In a physical change, no _____ substance is formed.
 - ★ Dissolving sugar in water is a _____ change.
- ★ Section C: True or False
 - ★ Physical changes are always permanent. _____
 - ★ Chemical changes produce new substances. _____
 - ★ Cutting paper is a chemical change. _____
 - ★ Burning is a chemical change. _____

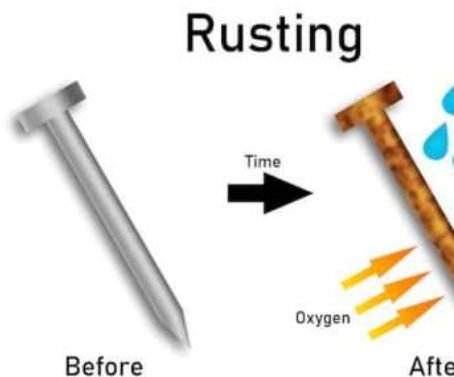
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Section D: Short Answer Questions

- ★ Define a physical change with one example.
- ★ What is a chemical change? Give one example.
- ★ Write two differences between physical and chemical changes.
- ★ What is rusting?

Section E: Diagram-Based Question

- ★ Observe the diagram carefully and answer the following questions:
- ★ What change is shown in the diagram?
- ★ Is this a physical or chemical change?
- ★ Name the substance formed during this process.
- ★ What two conditions are necessary for this change to occur?
- ★ Can this change be reversed easily? Why or why not?



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WORKSHEET-2

Classification of Living Organisms

Section A: Very Short Answer

- ★ What is classification?
- ★ Name any two criteria used for classifying organisms.
- ★ Which kingdom includes unicellular organisms without a nucleus?
- ★ Give one example of fungi.
- ★ Which kingdom do plants belong to?

Section B: Short Answer Questions

- ★ Why is classification important in biology?
- ★ Differentiate between plants and animals (any two points).
- ★ What are microorganisms? Give examples.
- ★ Write two characteristics of fungi.
- ★ Explain the difference between unicellular and multicellular organisms.

Section C: Multiple Choice Questions (MCQs)

- ★ Which kingdom includes bacteria?
a) Plantae b) Animalia c) Monera d) Fungi
- ★ Which of the following is a multicellular organism?
a) Amoeba b) Bacteria c) Dog d) Yeast
- ★ Fungi obtain food by:
a) Photosynthesis b) Absorption c) Hunting d) Filtering
- ★ Which group has chlorophyll?
a) Animals b) Fungi c) Plants d) Bacteria

Section D: Fill in the Blanks

- ★ The process of grouping organisms is called _____.
 - ★ Animals belong to the kingdom _____.
 - ★ _____ are unicellular organisms.
 - ★ Plants make food by _____.
 - ★ Fungi are _____ feeders.
- #### Section E: True or False
- ★ All animals can make their own food.
 - ★ Bacteria are unicellular organisms.
 - ★ Plants do not have chlorophyll.
 - ★ Fungi are multicellular organisms.
 - ★ Amoeba belongs to Animalia.

Section F: Diagram-Based Questions

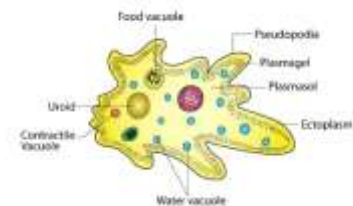
★ Question 1: Observe the diagram and answer the questions.

- ★ a) Identify the organism.
- ★ b) Is it unicellular or multicellular?
- ★ c) To which kingdom does it belong?

★ Question 2: Observe the diagram and answer the questions.

- ★ a) Identify the organism.
- ★ b) To which kingdom does it belong?
- ★ c) Does it make its own food?
- ★ d) Name one characteristic of this organism.

STRUCTURE OF AMOeba



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HINDI

नमस्कार!

गर्मी की सुनहरी छुट्टियों की प्यारी शुरुआत के साथ आप सभी को ढेर सारी शुभकामनाएँ

परियोजना कार्य

1. Chat GPT (चैटजीपीटी) क्या है?

एक परियोजना तैयार कीजिए। इसके फायदे और नुकसान के साथ।

2. A.I (ए आई) और साइबर सुरक्षा का आपस में क्या संबंध है?

एक परियोजना तैयार कीजिए।

3. अगर दुनिया में युद्ध न होता, अपने विचार लिखिए।

4. पोस्टर बनाइए –

“जल ही जीवन है – स्वस्थ रहो, खुश रहो”

पाठ्यपुस्तक – हमारी हिंदी

पाठ – 2 : नन्हा पौधा – गुल्लू

पाठ – 3 : क्या निराश हुआ जाए

पाठ 2 और पाठ 3 का अभ्यास कार्य याद करें और लिखें।

दैनिक शब्द लेखन के लिए एक कॉपी बनाइए।

प्रतिदिन 10 शब्द लिखिए तथा उनके अर्थ भी लिखिए।

कार्यपत्रिका-1

ई-मेल लेखन – कार्यपत्रिका

ई-मेल लेखन

ई-मेल आधुनिक संचार का एक सरल और तेज माध्यम है।

ई-मेल लिखते समय भाषा सरल, स्पष्ट और शिष्ट होनी चाहिए।

ई-मेल के मुख्य भाग –

प्राप्तकर्ता का ई-मेल पता (To)

विषय (Subject)

संदेश (Message)

प्रेषक का नाम (Sender's Name)

प्रश्न 1 : रिक्त स्थान भरिए –

ई-मेल का पूरा नाम _____ है।

ई-मेल भेजने के लिए _____ की आवश्यकता होती है।

ई-मेल का विषय _____ और स्पष्ट होना चाहिए।

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प्रश्न 2 : सही विकल्प चुनिए –

ई-मेल किसका माध्यम है?

(क) संचार (ख) खेल (ग) यात्रा

ई-मेल लिखते समय भाषा कैसी होनी चाहिए?

(क) कठिन (ख) शिष्ट (ग) अशिष्ट

ई-मेल में "Subject" का अर्थ है –

(क) पता (ख) विषय (ग) हस्ताक्षर

प्रश्न 3 : नीचे दिए गए ई-मेल के भागों को पहचानिए –

भाग

उत्तर

To

Subject

Message

Sender's Name

प्रश्न 4 : निम्न विषयों पर ई-मेल लिखिए –

(क) अपने मित्र को जन्मदिन की शुभकामनाएँ देने हेतु ई-मेल लिखिए।

To :

Subject :

From :

(ख) विद्यालय में अवकाश के लिए प्रधानाचार्य को ई-मेल लिखिए।

To :

Subject :

From :

प्रश्न 5 : अपने मन से उत्तर दीजिए –

क्या आपने कभी ई-मेल भेजा है? _____

ई-मेल और पत्र में एक अंतर लिखिए।

गृहकार्य ✨

अपने किसी रिश्तेदार को गर्मियों की छुट्टियों के बारे में 5 पंक्तियों का ई-मेल लिखिए।

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कार्यपत्रिका-2

उपसर्ग एवं प्रत्यय

भाग – A : उपसर्ग

प्रश्न 1 : सही उपसर्ग जोड़कर नए शब्द बनाइए –

___ + न्याय = ___

___ + लाभ = ___

___ + योग्य = ___

___ + मान = ___

___ + शक्य = ___

(उपसर्ग : अ, सु, प्रति, नि, अनु)

प्रश्न 2 : दिए गए शब्दों में उपसर्ग पहचानिए –

अन्याय = ___ निराशा = ___ सुगंध = ___ पराजय = ___ प्रवेश = ___

प्रश्न 3 : रिक्त स्थान भरिए –

शब्द के पहले जुड़ने वाले शब्दांश को ___ कहते हैं।

“सु” उपसर्ग का अर्थ ___ होता है।

“अ” उपसर्ग शब्द का अर्थ ___ बना देता है।

भाग – B : प्रत्यय

प्रश्न 4 : सही प्रत्यय जोड़कर नए शब्द बनाइए –

सुंदर + ___ = ___ मित्र + ___ = ___ खेल + ___ = ___ दया + ___ = ___ बाल + ___ = ___

(प्रत्यय : ता, पन, वाला, ई, क)

प्रश्न 5 : दिए गए शब्दों में प्रत्यय पहचानिए –

अच्छाई = ___ बचपन = ___ मिठास = ___ लिखावट = ___ नटखटपन = ___

प्रश्न 6 : रिक्त स्थान भरिए –

शब्द के अंत में जुड़ने वाले शब्दांश को ___ कहते हैं।

“पन” प्रत्यय से ___ का भाव प्रकट होता है।

“ता” प्रत्यय से ___ बनते हैं।

प्रश्न 7 : अपने मन से उदाहरण लिखिए –

उपसर्ग वाले शब्द

प्रत्यय वाले शब्द

बोनस प्रश्न ✨

उपसर्ग और प्रत्यय में एक अंतर लिखिए –

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कार्यपत्रिका-3

संज्ञा —

प्रश्न 1 : नीचे दिए गए शब्दों में से संज्ञा शब्द छाँटकर लिखिए —

मोहन, सुंदर, विद्यालय, खेलना, दिल्ली, मिठास, दौड़ना, पुस्तक

प्रश्न 2 : संज्ञा के भेद पहचानिए —

शब्द संज्ञा का भेद

राम _____

भीड़ _____

पानी _____

ईमानदारी _____

लड़का _____

प्रश्न 3 : रिक्त स्थान भरिए —

किसी व्यक्ति, वस्तु, स्थान या भाव के नाम को _____ कहते हैं।

“मित्रता” _____ संज्ञा है।

“सेना” _____ संज्ञा है।

“दूध” _____ संज्ञा है।

प्रश्न 4 : सही विकल्प चुनिए —

“भारत” कौन-सी संज्ञा है?

(क) जातिवाचक (ख) व्यक्तिवाचक (ग) भाववाचक

“मिठास” कौन-सी संज्ञा है?

(क) भाववाचक (ख) समूहवाचक (ग) द्रव्यवाचक

“टोली” कौन-सी संज्ञा है?

(क) व्यक्तिवाचक (ख) समूहवाचक (ग) जातिवाचक

प्रश्न 5 : निम्नलिखित वाक्यों में संज्ञा शब्दों को रेखांकित कीजिए —

राधा प्रतिदिन विद्यालय जाती है।

बच्चे मैदान में खेल रहे हैं।

ईमानदारी सबसे बड़ा गुण है।

सैनिकों ने बहादुरी दिखाई।

प्रश्न 6 : भाववाचक संज्ञा बनाइए —

मीठा → _____ अच्छा → _____ बहादुर → _____ मित्र → _____

प्रश्न 7 : अपने मन से उदाहरण लिखिए —

व्यक्तिवाचक संज्ञा भाववाचक संज्ञा समूहवाचक संज्ञा

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कार्यपत्रिका-4

★ व्यंजन संधि

★ रिक्त स्थान भरिए

★ सत् + जन = ____

★ उत् + चारण = ____

★ दिक् + गज = ____

★ जगत् + नाथ = ____

★ तत् + रूप = ____

★ संधि कीजिए

★ सत् + कर्म = ____

★ उत् + लेख = ____

★ दिक् + अंत = ____

★ जगत् + गुरु = ____

★ तत् + हित = ____

★ संधि-विच्छेद कीजिए

★ सज्जन = ____ + ____

★ उच्चारण = ____ + ____

★ दिग्गज = ____ + ____

★ जगन्नाथ = ____ + ____

★ तद्रूप = ____ + ____

★ सही शब्द लिखिए

★ सत् + जन = सज्जन / सजन

★ उत् + चारण = उच्चारण / उचारण

★ दिक् + गज = दिग्गज / दिगज

★ जगत् + नाथ = जगन्नाथ / जगनाथ

★ स्वयं कीजिए

★ व्यंजन संधि के पाँच नए उदाहरण लिखिए और उनका संधि-विच्छेद कीजिए।

SANSKRIT

★ प्रश्न - 1 पाठ 1, 2 याद करो व किताब कार्य कॉपी में लिखो।

★ प्रश्न -2- 1 से 25 तक संख्याएं संस्कृत में(A4 sheet) पर लिखो।

अभ्यास कार्य

प्र.1. उचित पदों से रिक्त स्थान भरे -



- | | |
|------------------|---------------------------|
| 1. अध्यापक _____ | खाती है । (आम, आम्रप) |
| 2. स _____ | गर्च्छति । (गान, गमनम्) |
| 3. अमूम _____ | गच्छति । (ईश्वर, ईश्वरम्) |
| 4. राम _____ | नमति । (जनक, जनकम्) |
| 5. राधिका: _____ | लिखति । (लेख, लेखम्) |
| 6. सुबोध: _____ | पठति । (पाठः, पाठम्) |



प्र.2. उचित पदों से रिक्त स्थान पूर्ण करें -



- | | | |
|-------------------|-----------|-----------|
| 1. बालक : _____ | क्रीडति । | (छान्दुय) |
| 2. वयम् : _____ | पठामः । | (पाठं) |
| 3. छात्रः : _____ | लिखति । | (कलम्) |
| 4. रामः _____ | लिखति । | (नासिका) |



प्र.3 पुरुष उत्तर चुनें -



- | | | |
|---------------|--------------|---------------------------|
| 1. अध्य _____ | पठति । | (पाठाशाला, पाटे) |
| 2. वयम् _____ | गच्छामः । | (नेत्रम्, नेत्राभ्याम्) |
| 3. रामः _____ | सह आगच्छति । | (मास्मय, मीतम्) |
| 4. जनकः _____ | गच्छति । | (कार्त्तमयन, कार्त्तयणेन) |



प्र.4 परस्पर मेल करके पुनः लिखें -

- | | |
|---|--------------------------------|
| क | 1. छात्रः कन्दुकम् _____ |
| | 2. जनाः गच्छन्ति _____ |
| | 3. शिक्षकः ज्ञानं गच्छति _____ |
| | 4. गीता गच्छति । _____ |
| | 5. गौता गच्छति । _____ |

- | | |
|---|------------|
| ख | उपानम् |
| | विद्यालयम् |
| | छात्रेषु |
| | क्रीडान्त |
| | क्रीडन्ति |



प्र.5 निम्न शब्दों की संस्कृत लिखें -



निम्न शब्दों की संस्कृत लिखें -	
जीवन के लिए	
पुत्र के लिए	
ज्ञान के लिए	
अध्यापक के लिए	



निश्चित अभ्यास से ज्ञान बढ़ता है, आत्मविश्वास और भी बढ़ता है।

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ENGLISH

English holidays homework

THEME 1: ARTIFICIAL INTELLIGENCE

- a) Write a paragraph on A4 size sheet on the topic: "Advantages and disadvantages of Artificial Intelligence".
b) Research Activity: (A4 size sheet)

Find out about any one AI tool (like voice assistants or chatbots) Write: what it is? ; How it works? ; Where it is used?

THEME 2: GREEN EARTH

- a) Write 8-10 creative slogans on A4 size sheet on the topic "save environment"
b) Ask 5 people around you : "how do you protect the environment?" Record their answers and write their answers in brief on A4 size sheet along with their names and age.

THEME 3: WAR AND PEACE

- a) Write a dialogue showing how a conflict can be solved peacefully. Do it on A4 size sheet.
b) Find out one famous leader who promoted peace. Write 5-6 lines about their contribution along with their picture on A4 size sheet.

Speaking activities (do any one)

Table with 3 columns: 'I am a ROBOT', 'AI VS HUMANS', 'FUTURE PREDICTIONS'. Each column contains a task description and time duration.

Record your video while performing the activity and share it in the group on the date that your teacher will announce in the class.

Print the following worksheets, fill answer in it and paste it into your holiday's homework notebook.

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English worksheets

Part A - Identify each sentence as Declarative, Interrogative, Imperative, or Exclamatory.

- a) The train leaves at 6 p.m. _____
- b) Can you lend me your book? _____
- c) Please write your name on the paper. _____
- d) What a wonderful surprise this is! _____
- e) She enjoys painting in her free time. _____
- f) Did you finish your homework? _____
- g) Don't forget to lock the door. _____
- h) Wow, that was incredible! _____
- i) My father works in a bank. _____
- j) Will you join us tomorrow? _____

Part B - Add the correct question tag.

- a) You are coming to the party, _____?
- b) She can swim very well, _____?
- c) They haven't finished yet, _____?
- d) He is a doctor, _____?
- e) We should leave now, _____?
- f) You don't like coffee, _____?
- g) She was late yesterday, _____?
- h) They will help us, _____?
- i) He plays football, _____?
- j) I am your friend, _____?

Part C - Underline the abstract noun in each sentence.

- a) Honesty is the best policy.
- b) She felt great joy when she won.
- c) His kindness impressed everyone.
- d) Fear can stop people from trying.
- e) Love makes life beautiful.
- f) Wisdom comes with experience.
- g) The child showed courage.
- h) Friendship lasts forever.
- i) Anger can destroy relationships.
- j) Success requires hard work.
- k)

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Part D – Identify the phrase in each sentence.

- a) The boy with the red cap is my cousin.
- b) She ran across the street.
- c) The book on the table is mine.
- d) He arrived in the middle of the night.
- e) The girl with long hair is singing.
- f) They walked along the river.
- g) The house near the park is new.
- h) She spoke in a loud voice.
- i) The man with a beard is a teacher.
- j) He left without saying goodbye.

Part E – Identify the clause in each sentence.

- a) I know that she is honest.
- b) The boy who won the prize is my friend.
- c) She left because she was tired.
- d) I will wait until you arrive.
- e) The man who is standing there is my uncle.
- f) He works hard so that he may succeed.
- g) I don't know where she lives.
- h) The girl who sang beautifully won the contest.
- i) I stayed home since it was raining.
- j) The teacher asked if we understood.

Part-F- Read the short story given below and answer the questions that follow:

The Hidden Key

Rohan lived in an old house that always felt like it held secrets. One rainy afternoon, while exploring the dusty attic, he found a small, rusted iron key tucked inside an old boot. It didn't look like much, but Rohan felt a strange spark of excitement.

He spent the next three days trying the key on every drawer and cupboard in the house, but nothing clicked. Finally, he remembered the heavy wooden chest in the garden shed—the one his grandfather told him never to open because the key had been "lost to time."

With a racing heart, Rohan wiped the cobwebs off the chest and slid the key into the lock. It turned with a satisfying *clink*. Expecting gold or jewels, Rohan was surprised to find only a stack of yellowed letters and a hand-drawn map of the local woods. At the bottom of the map, his grandfather had written: "*The greatest treasures aren't kept in boxes; they are found in the journeys we take.*"

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Comprehension Questions

Part A: Multiple Choice

1. Where did Rohan find the rusted key?

- a) In the garden shed
- b) Inside an old boot in the attic
- c) Under his bed
- d) In his grandfather's pocket

2. How long did Rohan spend trying the key on different locks?

- a) One afternoon
- b) Two days
- c) Three days
- d) A week

Part B: Short Answer

3. Why was the chest in the garden shed particularly important?

4. What did Rohan expect to find in the chest, and what did he find instead?

5. Explain the meaning of the grandfather's message in your own words.

Part C: Vocabulary & Grammar

6. Find a word in the story that means "the same as 'very old or worn out'."

(Clue: Paragraph 1)

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Part A – Theoretical Learning

1. Write the full form of HTML.
2. What is the use of Lists in HTML?
3. Name the three types of lists in HTML.
4. What is the difference between Ordered List and Unordered List?
5. Write the HTML tags used for:

Ordered List Unordered List List Item Table Table Row Table Data

Part B – Practical Learning

Activity 1: Create a List

Create an HTML page showing:

My Favorite Fruits

Apple Mango Banana Grapes Orange Use both: Ordered List
Unordered List

Activity 2: Create a Table

Make a table of your weekly study timetable:

Day	Subject	Time
Monday	English	5 PM
Tuesday	Maths	6 PM
Wednesday	Science	5 PM

Activity 3: DC Motor Control with Battery and Switch

Components Needed: DC Motor, Breadboard, Push button, 9V Battery, and Jumper Wires.

- Positive and Negative rail of the breadboard connected with the terminals of battery
- We have installed a DC Motor on our Breadboard
- A push button is connected here to control the DC motor
- We have connected the positive terminal of the motor with the push button's leg, and the opposite leg of the push button connected with the positive rail of the breadboard
- We have connected negative terminal of motor to negative rail of breadboard with black wire

Drawing

Complete the syllabus of April and may month in your file.

