

WINTER BREAK HOLIDAYS

HOMEWORK

CLASS: VI

SESSION: 2025-26



STUDENT'S NAME _____

FATHER'S NAME _____

CLASS & SECTION _____

ROLL NO. _____

General Instructions

- 1. Mandatory Submission:** Holiday homework is compulsory for all students.
- 2. Separate Notebook:** All written work should be completed in a separate notebook.
- 3. Worksheets & Model Work:** Marks will be awarded separately for worksheets and model work.
- 4. Neatness & Presentation:** Students are expected to maintain neat and organized work.

MATHEMATICS

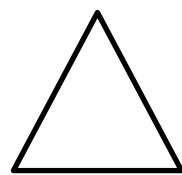
Worksheet-1

1. Arrange the following numbers in ascending order:
 - a) $15, -15, 40, -10, 5, -5, -1, -10$
 - b) $0, -8, -5, -30, 1, 7, -3$
2. Write the greater number in each pair:
 - a) $-54, -58$
 - b) $-271, -435$
 - c) $0, -237$
3. Subtract:
 - a) 0 from (-2)
 - b) 23 from (-23)
 - c) -23 from 23
4. Simplify:
 $100 + (-54) + (-18)$
5. Add the following:
 - a) $3 + (-32)$
 - b) $(-3) + (-32)$
 - c) $10 + (-4)$
6. Convert $107/5$ into a mixed fraction.
7. Write three equivalent fractions of $1/9$.
8. Convert $120/180$ into simplest Form.
9. Which is greater: $5/9$ or $7/9$?
10. Which is smaller: $11/3$ or $9/11$?
11. Asha solved a question in $7/4$ minutes and Meena solved the same in $5/2$ minutes.
Who is more quick?
12. Find the ratio of the following:
 - a) 4 minutes to 64 seconds
 - b) 60 paise to ₹2
 - c) 800 m to 2 m
 - d) 4 years to 10 months
13. Write each of the following ratios in simplest form:
 - a) $45 : 15$
 - b) $45 : 450$
 - c) $12 : 34$
 - d) $26 : 22$
14. Divide 40 marbles between Rinku and Pinku in the ratio $2 : 3$.
15. The angles of a triangle are in the ratio $2 : 3 : 4$.
Find the measures of each angle.

Worksheet – 2

1. Name the given triangle and identify the:

- a) Side opposite to $\angle B$
- b) Angle opposite to side BC
- c) Vertex opposite to side AB



2. State whether True (T) or False (F):

- a) Two planes intersect in a line.
- b) One and only one line can be drawn through two points.
- c) The largest chord of the circle is diameter.

3. Fill in the blanks:

- a) A rectangle has _____ lines of symmetry.
- b) The letter H has _____ lines of symmetry.
- c) A semicircle has _____ line of symmetry.
- d) A square has _____ lines of symmetry.

4. Find the length of the rectangle, if the perimeter is 146 cm and breadth is 16 cm.

5. A perimeter of a rectangular park is 460 m. If its length is 65 meter. What will be its breadth.

Multiple Choice Questions

6. If the perimeter of a square is 28 cm, then the side of the square is:

- a) 6 cm
- b) 7 cm
- c) 9 cm
- d) 8 cm

7. The perimeter of a rectangle of length l and breadth b is:

- a) $l + b$
- b) $2(l + b)$
- c) $l \times b$
- d) $l \div b$

8. Length of one side of a regular hexagon is 3.5 cm. The perimeter of the hexagon is:

- a) 14 cm
- b) 17.5 cm
- c) 21 cm
- d) 24 cm

9. How many lines of symmetry are in a hexagon?

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

10. Write the value of symmetry in a figure:

- a) Star
- b) Line of symmetry
- c) Angle
- d) Face

11. Fill in the blanks:

- a) A triangle has _____ line of symmetry.
- b) The letter H has _____ lines of symmetry.
- c) A semicircle has _____ line of symmetry.
- d) A square has _____ lines of symmetry.

12. Draw two figures which have two lines of symmetry.

13. Name a figure having many lines of symmetry.

14. Write all integers between:

- i) -5 and 0
- ii) 0 and 8

15. State whether the following statements are True (T) or False (F):

- i) -20 is greater than -5.
- iii) 0 is less than every positive integer.
- iv) Every positive integer is greater than 0.
- v) Every whole number is a natural number.

Subject Enrichment Activity

1. Fraction Project (Roll No. 1 to 10)

(Types of Fractions:

Improper, Proper, Mixed, Equivalent, Like, Unlike).

2. Angle Project (Roll No. 10 to 20)

The project focuses on the types of angles and includes models of different angles such as:

Acute

Obtuse

Right

Straight

Reflex

3. 3D Shapes Model Project (Roll No. 20 to 30 onwards)

The project focuses on 3D shapes and includes models of different shapes such as:

Cube, Cuboid, Cone, Cylinder, Sphere

हिंदी
कार्यपत्रिका - 1

(विशेषण, क्रिया, काल)

भाग(विशेषण) 1-

प्रश्न 1-निम्नलिखित वाक्य में से विशेषण और विशेष्य अलग- अलग करके लिखिए-

वाक्य

विशेषण

विशेष्य

क- हमें थोड़ा पानी दे दो ।

ख- यह महल कितना सुंदर है ।

ग- सेमी सुमित का पालतू कुत्ता है ।

घ- यह आम मीठा है ।

प्रश्न 2 -दिए गए शब्दों से विशेषण बनाकर रिक्त स्थान में लिखिए-

क- पंजाब के सरी _____ समाचार-पत्र है । (दिन)

ख- हमारी _____ परीक्षा मार्च में होगी । (वर्ष)

ग- दिल्ली _____ नगर है। (इतिहास)

घ- मेरा मकान _____ है। (बिकना)

भाग(क्रिया) 2 -

प्रश्न 3 -नीचे कुछ सामान्य क्रियाएँ दी गई हैं-इन सामान्य क्रियाओं के मूल धातु रूप लिखिए ,

उठना - _____

उतरना - _____

लिखना-_____

चढ़ना-_____

मिलना - _____

रोना-_____

भाग (काल) 3-

प्रश्न 4-निम्नलिखित वाक्यों में क्रिया शब्दों को रेखांकित कीजिए तथा कल के भेद का नाम लिखिए-

वाक्य

काल के भेद

क- मोहन अभी गया है।

ख- नौकरानी सब्जी काटेगी।

ग- राधा पढ़ती होगी।

घ- दशरथ अयोध्या का राजा था।

कार्यपत्रिका - 2

(उपसर्ग, प्रत्यय, संज्ञाविकार-कारक)

भाग(उपसर्ग) 1-

प्रश्न 1-निम्नलिखित शब्दों से मूल शब्द तथा उपसर्ग पृथक करके लिखिए

मूल शब्द

उपसर्ग

क- अपकीर्ति= _____ + _____

ख- सुपुत्र= _____ + _____

ग- खुशकिस्मत= _____ + _____

घ-अन्याय= _____ + _____

प्रश्न 2-नीचे दिए गए उपसर्गों से दो दो शब्द बनाइए-

उपसर्ग

शब्द

क- अति _____, _____

ख- अनु _____, _____

ग- निर् _____, _____

घ- अप _____, _____

(भाग2) -प्रत्यय

प्रश्न 3-दिए गए शब्द तथा प्रत्यय जोड़कर नए शब्द बनाइए और लिखिए-

शब्द

प्रत्यय निर्मित शब्द

क- भारत + ईय = _____

ख- नीति + कार = _____

ग- मामा + एरा = _____

घ- समाज + इक = _____

प्रश्न 4-उचित प्रत्यय लगाकर शब्द बनाइए-

क- सप्ताह + (इक/ ईन/ ई) = _____

ख- रस + (मान/ इया/ ईला) = _____

ग- नमक + (अक/ ईन/ इका) = _____

घ- मित्र + (इक/ ता / त्व) = _____

प्रोजेक्टकार्य-

अनुक्रमांक - 1-12 तक

प्रश्न-1 'वृक्ष, देश की सुख समृद्धि का आधार हैं' इस पर अपने विचार व्यक्त कीजिए।

प्रश्न-2 विकास के नाम पर आजकल कई जगह प्राकृतिक संपदा को नष्ट किया जा रहा है। पहाड़ों और वनों का विनाश किया जा रहा है। इसको रोकने के लिए हमें क्या करना चाहिए?

प्रश्न-3 'वृक्षों को अनावश्यक रूप से काटना अपने पैरों पर कुल्हाड़ी मारना है।' इस पंक्ति से आप क्या समझते हैं?

अनुक्रमांक- 13-24 तक

प्रश्न-1 "कोशिश करने वाले जीवन में सफलता प्राप्त करते हैं।" प्रस्तुत पंक्ति से आप क्या समझते हैं?

प्रश्न-2 यदि बारिश ना हो तो पृथ्वी पर क्या-क्या बदल जाएगा?

प्रश्न-3 आपकी कक्षा का एक छात्र रोज विद्यालय देर से आता है और वह गृह कार्य पूरा नहीं करता।

क- उसकी समस्या को पहचानिए।

ख- उसे आप क्या सलाह देंगे?

अनुक्रमांक- 25 - आगे तक

प्रश्न-1 यात्रा के दौरान आपका विभिन्न भाषा, विभिन्न रीति-रिवाज एवं मान्यताओं वाले लोगों से संपर्क होता है, जिन्हें देखकर भारत की विशेषता "अनेकता में एकता" की झलक मिलती है। इस विषय पर अपने विचार व्यक्त कीजिए।

प्रश्न-2 यदि आपको अरुणाचल प्रदेश जाने का अवसर मिले, तो आप किसके साथ जाना पसंद करेंगे और क्यों?

प्रश्न-3 यात्रा पर ले जाने वाले सामानों की सूची a4 पेपर पर तैयार करें ताकि यात्रा के दौरान कोई असुविधा न हो और दूसरों की भी आवश्यकता पड़ने पर मदद की जा सके।

ENGLISH **Worksheet -1**

Ques.1 Identify the tense of each sentence and also Write the name of the tense.

1. She teaches English at our school.
2. They did not like spicy food.
3. He visited Shimla last year.
4. He was watching television when the power went out.
5. Had he played football?
6. The train has arrived at the platform.

Ques2. Each sentence has one tense error. Underline the error and write the correct tense form.

1. She gone to temple last Sunday.
2. They is cooking food right now.
3. Ayush has working so hard on this project.
4. He do his work.
5. We were eat dinner when you called.
6. Ram are walking in the park.

Ques3 Fill in the blanks with the correct form of the verb in brackets

1. She __ (write) a letter every day.
2. They __ (play) in the ground right now.
3. We __ (finish) our work already.
4. I __ (do not/does not) like coffee.
5. She __ (visit) her aunt yesterday.
6. They __ (play) football when it started raining.

Worksheet -2

Ques1.Fill in the blanks with the appropriate preposition.

1. He stood __ his two brothers.
2. The cat is sleeping __ the chair.
3. She sat __ her friend in class.
4. We waited __ the bus.
5. The school is __ the park.
6. The book is __ the table.
7. The picture is hanging __ the wall.
8. The teacher walked __ the classroom.

Ques2. Identify the part of speech of the underlined word.

1. She is a very kind girl.
2. The dog runs quickly.
3. She and her sister are dancing.
4. They are playing in the ground.
5. The teacher gave us a homework assignment.
6. Wow! That is a beautiful painting.
7. He writes neatly in his notebook.
8. The book is on the table.

Project work

Roll No. 1-10

Project : Draw “Heaven on Earth” before it was lost and after it was lost on an A-3 size sheet.

Roll No. 11-20

Project : In India, we often find people scribbling on the walls of monuments, disfiguring and damaging parts of these. Design a poster on A-4 size sheet that says that it is wrong as well as illegal to damage historical monuments.

Roll No. 21-30

Project: Make a poster on how Anne Sullivan inspires us to achieve great things in our life and also explain about the challenges she faced in her life Using your creativity. You can take help from the chapter (The little Inspiration). (A-3 size sheet)

Roll No. 31-40

Project: Draw a project on an A-3 size sheet. Draw two Earths on one sheet: one showing the destruction of the five elements and the other showing the saving of the five elements.

Five Elements- Air, water, land, sky, Fire.

- Destroy the Five Elements, Destroy Life.”
- “Save the Five Elements, Save Our Planet.”

Guidelines

Use A-3 size sheet and write the heading neatly in clear handwriting.

Paste or draw relevant pictures for each topic

Students must include a slogan, a quote, and a short explanatory paragraph under appropriate headings so that the poster clearly reflects the topic and its message.

SCIENCE **Worksheet -1**

(Chapter → Living Creatures: Exploring their Characteristics)

Q1. Choose the correct option :

1. The organism's reaction to a stimulus is known as :
A. Response C. Nutrition
B. Lifespan D. Death

2. Which of the following is an autotroph?
A. Pine tree C. Kangaroo rat
B. All carnivores D. All herbivores

3. The process in which development of a plant occurs from a seed is called :
A. Excretion C. Metamorphosis
B. Germination D. Lifespan

4. Which of these is not exhibited by plants ?
A. Reproduction C. Excretion
B. Respiration D. Locomotion

5. Eggs of frogs are surrounded by a jelly-like substance is called :
A. Froglets C. Tadpole
B. Spawn D. Germination

Q2. Fill in the blanks :

1. The movement involving change of position is called _____.
2. An earthworm respires with the help of _____.
3. _____ are heterotrophs.
4. Touch-me-not (mimosa) plant is sensitive to _____.
5. The third stage of mosquito is called _____.
6. Fish get rid of nitrogenous waste in the form of _____ which diffuses in the surrounding water.

Q3. Name the following :

1. Respiratory organ in humans.
2. Process of getting rid of waste from the body.
3. Biological process by which new individual are produced.
4. Process of development which make the adult look different from intermediate stages.
5. The duration for which a living organism lives.

Worksheet-2

(Chapter → Measurement of length and motion)

Q1. Choose the correct option :

1. The motion of fruit falling from a tree is an example of :
A. Linear motion C. Periodic motion
B. Circular motion D. Oscillatory motion

2. The distance between the heel and toe is called :
A. Yard C. Footspan

Q2. Fill in the blanks:

1. If an moving object stops , it is said to be at _____.
2. The properties of the objects that can be measured are called _____.
3. The length of a curved surface cannot be measured directly using a _____.
4. $1\text{km} =$ _____ m.

Q3. Name the following :

1. The type of motion in which rotation of earth on its axis .
2. Distance between the elbow and tip of middle finger .
3. The process of determining the exact quantity or size of something.
4. The type of motion in which a kid going down a slide.

Project work

(Roll no. – 1 to 9)

1. Phases of Moon

A project on phases on moon using number of balls

What to include

- a. Earth
- b. Phases of moon

Must show

- a. Arrows
- b. Labelling of different phases of moon and title (Different phases of moon)

(Roll no. – 10 to 18)

2. Water purification

A working model on water purification

Materials required

Cardboard, paper cups , straw, sand (fine) ,gravel ,activated charcoal, cotton

Must show

- a. Label the cups
- b. Title name (water purification model)

(Roll no. – 19 to 27)

3. Solar system

A working model on solar system

Materials required

Materials Required Cardboard / thermocol , different size of balls , black sheet

Must show

- a. Sun
- b. Different planets
- c. Label the sun and different planets and title (**Solarsystem**)

(Roll no. – 28 onwards)

4. Solar oven

A working model on make your own solar oven

Materials required

Empty cardboard box aluminium foil, black sheet, transparent sheet

SOCIAL SCIENCE

Worksheet -1

Ques1. Tick(✓) the right option.

Ques2. Fill in the blanks.

1. The Vedic Hymns were composed by _____
2. The Vedic society was divided into _____ classes.
3. _____ was born in Lumbini.
4. Prince Vardhmana was born into a royal family in the early _____ century BCE.
5. _____ and _____ terms refers to a collective gathering or assembly in Vedic society.

Ques3. Match the columns.

Column A	Column B
1. Vedas	(a) philosophical ideas
2. Yoga	(b) regional culture
3. Folk dance	(c) Ancient sacred texts
4. Upnishad	(d) mind and body discipline

Ques4. Write True or false for the following statements:

1. India has a rich and diverse cultural heritage. ()
2. The Vedic period is known for the composition of the Vedas. ()
3. The Upanishads focus mainly on stories of kings and wars. ()
4. The Mahabharata is shorter than the Ramayana. ()
5. Buddhism and Jainism began in India. ()

Ques5. Answer the following questions in one word or in a sentence.

1. What is the main principle of Jainism?

Ans- _____

2. Name the first tirthankar of Jainism.

3. What was the original name of Mahavir?

Ans-

4. Which language were Buddha teachings first preached in?

Ans- _____

5. How many Noble truths are there in Buddhism?

Ans- _____

Worksheet -2

Ques1. Tick(✓) the right option.

Ques2. Fill in the blanks.

1. _____ line divides the Earth into Northern and Southern Hemispheres
2. _____ is the longest river in the world
3. _____ is known as the Land of Rising Sun.
4. The study of history is based on _____ and sources.
5. _____ are called “the food bowl of India”.

Ques3. Match the columns.

Column A	Column B
1. Indus Valley Civilization	a. Mesopotamia
2. Harappa	b. First Prime Minister of India
3. Ashoka	c. Pakistan
4. Jawaharlal Nehru	d. Mauryan ruler
5. Tigris River	e. Ancient civilization

Ques4. True or false

1. The Earth takes 24 hours to rotate on its axis. (_____)
2. The President is the head of the Indian government (_____)
3. The Sahara is the largest cold desert in the world. (_____)
4. Mountains are formed by volcanic eruptions only. (_____)
5. India lies in the Northern Hemisphere. (_____)

Ques5. Answer the following questions in one word or in a sentence.

1. What is a globe?

Ans- _____

2. Write names of the oceans of the world.

Ans- _____

3. What is democracy?

Ans- _____

4. Name the three levels of government.

Ans- _____

5. Write the importance of forest.

Ans- _____

Project work

Instructions for Students

- Do the work neatly in a separate notebook or project file.
- Write answers in your own words.
- Use drawings, pictures, and colours wherever possible.
- Submit the homework after the holidays.

Roll no. = 1-10

List any four religions that originated in India. Write about their main teachings in your scrapbook

Roll no. = 11-20

Write the names of any five Indian festivals and the reason for celebrating them. Make a festival collage.

Roll no. = 21-30

What does Unity in Diversity mean? Explain in your own words using flash cards or collage.

Roll no. = 31-40

Paste or draw 5 traditional dress of 5 different Indian states and write 3 lines about them in your scrapbook

संस्कृत

Instruction:- It is very important to write the first page name, second page index and last page conclusion.

:- Complete project written in Sanskrit

Roll no. :- 1 to 10

Topic:- Sanskrit Grammar project -

1. शब्द रूपाणि- अश्वः, गजः, किम्, तत्, अस्मद्, युष्मद्।
2. धातु रूपाणि- स्था, अस्, पपब्, (लृटलिरे, लंगलिरे)
3. वित्रविणन - ममपियउत्सवः, ममपियपशुः (वित्र सहित) ।

:-उपसंहार।

Roll no.: 11 to 21

Topic:- Literature sanskrit project -

1. संस्कृत साहित्य का परिचय।

2. महान संस्कृत कवयः-

वाल्मीकि , वेदव्यास , कालिदास।

3. महानसंस्कृत कवयित्री

गान्धी ,मैत्रेयी , सुलभा।

:-कवयः ,कवयित्री के बारे में चित्र सहित विवरन करें।

:-उपसंहार।

Roll no. :- 21 to last

Topic :- Sanskrit Grammar project -

1. फसलों के नाम चित्र सहित - 10

2. फूलों के नाम चित्र सहित -10

3. विद्यालय में प्रयोग होने वाली वस्तुएं -10

4. वृक्षों के नाम चित्र सहित -10

5. ऋतुओं के नाम, महिनों के साथ (किस महिने में कौन सी ऋतु आती हैं, चित्र सहित) उपसंहार

GENERAL KNOWLEDGE

Q1- Make a chart showing martial arts in Bharat. Support it with pictures.

Q2- Make a project report showing Indian Noble prize winners. Also paste the related pictures.

Q3-Read news headlines daily and write current affairs. (between November- January) You can also paste newspaper headings and pictures.

Note- Do all the work on A4 size sheet

COMPUTER

(Introduction to MS Excel)

- Write 5 uses of MS Excel.
- Draw or paste a picture of an Excel worksheet and label:
Row, Column, Cell, Name Box, Formula Bar.

DRAWING

Drawing:-

A- You have to make a glass painting according to steps.

Steps to Make a Glass Painting

1 Clean the glass properly so there is no dust or oil

2 Place a beautiful design under the glass or draw it lightly

- 3 Trace the design neatly on the glass using a black outliner
- 4 Let the outline dry completely for about 30–60 minutes
- 5 Fill bright colours carefully inside the outlines with glass paints
- 6 Leave it to dry for 6–8 hours or as per paint instructions

B- You have to make 1 clay key chain.

Steps to Make an Attractive Clay Key Chain

- 1) Take some clay and knead it well until it becomes soft and smooth.
- 2) Shape the clay into a beautiful heart, flower, or cute round design.
- 3) Add small designs, dots, or lines to make it more attractive.
- 4) Make a small hole at the top using a toothpick or straw.
- 5) Let the clay dry completely (or bake if using polymer clay).
- 6) Paint it with bright and colorful paints and let it dry.
- 7) Attach the key ring using strong glue.