



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI-110019

CLASS- VI

WORKSHEET- APRIL

ENGLISH

A. Match each common noun with a suitable proper noun.

Match the items in Column A with Column B:

| Column A (Common Noun) | Column B (Proper Noun) |
|------------------------|------------------------|
| 1. monument | a. Ganga |
| 2. river | b. The Red Fort |
| 3. author | c. Mount Abu |
| 4. city | d. Holi |
| 5. mountain | e. Rabindranath Tagore |
| 6. festival | f. Bengaluru |

B. Complete the sentences with appropriate collective nouns.

| | | | | | |
|------|-------|-------|-------|-------|---------|
| team | bunch | swarm | group | fleet | bouquet |
|------|-------|-------|-------|-------|---------|

1. A ____ of bees flew out of the hive.
2. She bought a ____ of flowers for her mother.
3. The ____ of ships sailed during the storm.
4. Our school has a strong ____ of football players.
5. A ____ of tourists visited the monument.

C. Identify and classify the underlined nouns as abstract or concrete.

1. She felt great joy when she saw her baby.
2. The table was made of wood.
3. His knowledge of history is impressive.
4. We walked beside the lake.
5. I value your friendship.

D. Correct the errors in noun usage. Rewrite the sentences.

1. She gave me many informations.
2. We saw deers in the field.
3. He gave me two advices.
4. There are many furnitures in that shop.
5. I drank three glasses of waters.

E. Read the passage and underline all the nouns. Then classify them into proper and common nouns.

Last summer, Reema visited Jaipur with her parents. They saw the beautiful Amer Fort and enjoyed a ride on an elephant. Reema also bought souvenirs from the local market and clicked pictures of the palace and lake.

| Proper Nouns | Common Nouns |
|--|--|
| | |

हिंदी

प्रश्न 1. निम्नलिखित प्रश्नों के उत्तर लिखिए-

- (क) गोनू झा ने अपनी बिल्ली के बारे में कैसा झूठ बोला?
- (ख) गोनू झा की चतुराई से गाँव वालों को क्या सबक मिला?
- (ग) भारत देश की कौन-कौन सी विशेषताएँ इस पाठ में बताई गई हैं?
- (घ) लेखक को भारत देश क्यों प्रिय है?
- (ङ) भारत की विविधता में एकता को उदाहरणों के साथ समझाइए।
- (च) क्या हँसी हमारे जीवन को बेहतर बना सकती है? कैसे?
- (छ) हँसते-हँसते जीना पाठ से हमें कौन-कौन से जीवन-मूल्य दिखाई देते हैं?
- (ज) एक हास्य घटना याद करके 5-6 वाक्यों में उसका वर्णन कीजिए।

प्रश्न 2. निम्नलिखित प्रश्नों के उत्तर विकल्पों के माध्यम से चुनिए -

- (क) भाषा क्या है?
 - (अ) केवल लिखने का माध्यम
 - (ब) केवल बोलने का माध्यम
 - (स) विचारों को व्यक्त करने का माध्यम
 - (द) पढ़ने का तरीका
- (ख) हिंदी भाषा की प्रमुख लिपि कौन-सी है?
 - (अ) उर्दू (ब) तमिल (स) देवनागरी (द) ब्राह्मी
- (ग) 'बोली' किसे कहते हैं?
 - (अ) लिखित भाषा
 - (ब) केवल संस्कृत
 - (स) किसी क्षेत्र विशेष में बोले जाने वाले भाषा रूप को
 - (द) विदेशी भाषा
- (घ) व्याकरण का मुख्य कार्य क्या है?
 - (अ) कविता बनाना
 - (ब) भाषा को सुंदर बनाना
 - (स) भाषा को नियमबद्ध करना
 - (द) कहानी लिखना

संस्कृत

उचितम् उत्तरत चिनुत ।

(क) निम्नलिखित शब्दों में से कौन-सा पुल्लिङ्ग शब्द है?

- A. नदी
- B. बालकः
- C. माता
- D. गौः

(ख) 'फलानि' शब्द का वचन क्या है?

- A. एकवचन
- B. द्विवचन
- C. बहुवचन
- D. इनमें से कोई नहीं

(ग) 'पुस्तक' शब्द में कितने वर्ण हैं?

- A. 7
- B. 5
- C. 6
- D. 3

(घ) 'गजौ' शब्द का लिंग और वचन क्या है?

- A. स्त्रीलिंग, बहुवचन
- B. पुल्लिङ्ग, द्विवचन
- C. नपुंसकलिंग, एकवचन
- D. पुल्लिङ्ग, बहुवचन

(च) 'बालिके' शब्द का लिंग और वचन क्या है?

- A. पुल्लिङ्ग, एकवचन
- B. नपुंसकलिंग, द्विवचन
- C. स्त्रीलिंग, द्विवचन
- D. स्त्रीलिंग, एकवचन (संबोधन)

प्रश्न - 2 वर्ण विच्छेदं कुरुत ।

- (क) पुस्तकम्
- (ख) विद्यालय
- (ग) छात्राणि

प्रश्न - 3 वर्ण संयोजनं कुरुत ।

- (क) स् + उ + म् + इ + त् + र् + आ
- (ख) व् + य् + आ + घ + र् + ई
- (ग) व् + इ + द् + य् + र् + थ् + ई

प्रश्न 4 पञ्च पशूनाम् नामानि लिखत ।

प्रश्न 5 पञ्च खगानाम् नामानि लिखत ।

प्रश्न 6 संख्यावाची (1 -10 तक) शब्दाः लिखत ।

MATHEMATICS

Q1. A farmer produced 45390784 kg wheat , 9123000 kg pulses and 3592468 kg rice in the year 1999. Now answer the following questions based on the given information.

- a) Write the number name of the weight of wheat using Indian and International system.
- b) Find the place value of 3 in the weight of rice.
- c) Estimate the given year to the nearest thousands and also write in Roman numerals.
- d) Write the successor of the weight of pulses.
- e) Expanded form of the weight of wheat

Q2. Find the estimated sum of 5290 and 28765 to the nearest thousand.

Q3. Find the difference between the greatest and the least 6 digit number form by using the digits 3,8,6,9,4,2.

Q4. The Delhi Development Authority built 385 flats in 2010 and 238 flats in 2011. How many flats in all were built in the 2 years in Roman numerals.

Q5. Fill in the Blanks

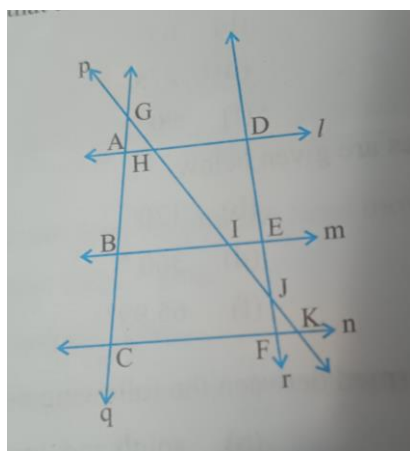
- a) The smallest whole number is ____.
- b) Whole numbers are closed under ____ and ____ operations.
- c) All natural numbers are _____ numbers.
- d) _____ is the smallest natural number
- e) ____ the identity for addition.

Q6. Find the sum by suitable rearrangement $435 + 123 + 89$

Q7. Subtract and check your result by addition: $2000 - 756$

Q8. What must be multiplied to 8892 give 8898890?

Q9. Use the figure to name:



- a) any two parallel lines
- b) any three intersecting lines
- c) the point lies on the line m
- d) lines whose point of intersection is D

Q10. Classify the angles whose magnitudes are given below

- a) 78°
- b) 115°
- c) 225°
- d) 360°

Q11. Draw the angles by protector

- a) 265°
- b) 89°

SCIENCE

Q1. Choose the correct option.

- a. Which of the following classes of food is present in pulses?
i. Vitamins ii. Fats iii. Proteins iv. Minerals
- b. An electric appliance that keeps the electrical circuit off and on is called _____.
i. Battery ii. Switch iii. Bulb iv. LED
- c. Which mineral is necessary for the formation of strong bones and muscles?
i. Iron ii. Calcium iii. Phosphorous iv. Potassium
- d. The metal cap of a dry cell acts as the _____ terminal.
i. Negative ii. Right iii. Left iv. Positive

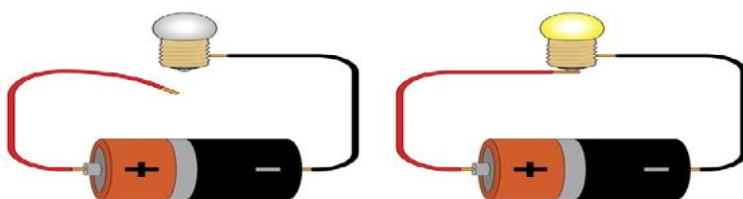
Q2. Give reasons for the following.

- a. Glass bulb is filled with an inert gas like argon.
- b. We should not overcook the food.

Q3. Name the following:

- a. A water soluble vitamin that is present in citrus fruits.
- b. Materials that allow electricity to pass through them.
- c. Source of power for a torch.
- d. Diseases that are caused due to lack of nutrients in the diet.

Q5. Identify the types of circuits A and B shown below and write the difference between them.



Q6. “Water does not provide nutrients, yet it is an important component of food”. Explain

Q7. What is anaemia? What are its symptoms?

Q8. Draw various electrical components and their symbols.

SOCIAL SCIENCE

Q1. Read the passage and answer the following questions.

The Earth is divided into three heat zones based on the amount of solar radiation received. The Torrid Zone, between the Tropic of Cancer and the Tropic of Capricorn, receives direct sunlight and is extremely hot. The Temperate Zone, between the Tropics and the Polar Circles, receives moderate sunlight and has a temperate climate. The Frigid Zone, between the Polar Circles and the Poles, receives very little sunlight and is extremely cold.

11. What are the three heat zones of the Earth?

- a) Torrid, Temperate, and Arctic
- b) Torrid, Temperate, and Frigid
- c) Tropical, Desert, and Polar
- d) Hot, Cold, and Moderate

2. Which heat zone receives direct sunlight?

- a) Temperate Zone
- b) Frigid Zone
- c) Torrid Zone
- d) Polar Zone

3. Where is the Temperate Zone located?

- a) Between the Tropics and the Poles
- b) Between the Tropics and the Polar Circles
- c) Between the Equator and the Tropic of Cancer
- d) Between the Tropic of Capricorn and the Antarctic Circle

4. Which zone receives very little sunlight?

- a) Torrid Zone
- b) Temperate Zone
- c) Frigid Zone
- d) Tropical Zone

5. What determines the heat zones of the Earth?

- a) Amount of rainfall
- b) Amount of solar radiation received

c) Ocean currents

d) Mountain ranges

Q2. Fill in the blanks.

1. The Earth is shaped like an _____ spheroid.
2. The Equator divides the Earth into two equal halves: the _____ hemisphere and the _____ hemisphere.
3. The Prime Meridian passes through the astronomical observatory at _____ near London.
4. The International Date Line is located at _____ longitude.
5. The Earth's surface receives different amounts of heat from the Sun due to its _____ shape and tilted axis.

Q3. Name the following.

1. The line of 0° latitude that divides the Earth into two equal halves.
2. The line of 0° longitude that divides the Earth into East and West hemispheres.
3. The zone between the Tropic of Cancer and the Tropic of Capricorn.
4. The instrument used to find directions.
5. A diagrammatic representation of the Earth's surface or part of it on a flat surface.

Q4. State whether the following statements are true or false.

1. The Earth's diameter at the Equator is smaller than at the Poles
2. Latitudes are imaginary lines that run parallel to each other around the globe.
3. Longitudes are equal in length.
4. The Torrid Zone receives slanting rays of the Sun.
5. The Standard Time is determined by the local time of the central meridian of a region.

Q5. Draw and show all the heat zones of the earth.

INFORMATION TECHNOLOGY

Multiple Choice Questions (MCQs):

1. Which of the following is a pictorial representation of an algorithm?
 - a) Pseudocode
 - b) Program
 - c) Flowchart
 - d) Data Structure
2. Which symbol is typically used to represent the start or end of a flowchart?
 - a) Rectangle
 - b) Diamond
 - c) Circle (or Oval)
 - d) Parallelogram

3. In a flowchart, which symbol is used for input and output operations?
 - a) Rectangle
 - b) Diamond
 - c) Circle (or Oval)
 - d) Parallelogram
4. An algorithm should have which of the following characteristics?
 - a) Ambiguity
 - b) Finiteness
 - c) Infinite loops
 - d) Dependence on a specific programming language
5. What is the purpose of a diamond symbol in a flowchart?
 - a) Processing
 - b) Input/Output
 - c) Decision making
 - d) Connection between flow chart parts

Short Answer Questions:

1. Define the term "algorithm" in your own words.
2. What are the key differences between an algorithm and a flowchart?
3. Write down the steps of an algorithm to calculate the average of two numbers.
4. Explain the purpose of the "processing" symbol (rectangle) in a flowchart.
5. What are the advantages of using flowcharts to represent an algorithm?

ARTIFICIAL INTELLIGENCE

Multiple-Choice Questions :

1. **What is Intelligence?**
 - a) The ability to play sports
 - b) The ability to learn, understand, and apply knowledge
 - c) The ability to speak multiple languages
 - d) The ability to memorize facts
2. **Which of the following is a type of intelligence according to Howard Gardner's theory?**
 - a) Emotional Intelligence
 - b) Technological Intelligence
 - c) Artistic Intelligence
 - d) Musical Intelligence
3. **What does Logical-Mathematical Intelligence involve?**
 - a) Understanding emotions and feelings
 - b) Solving puzzles, reasoning, and thinking logically
 - c) Playing musical instruments
 - d) Using language to express oneself clearly

4. **Which intelligence is related to understanding and managing your own emotions and those of others?**
 - a) Spatial Intelligence
 - b) Linguistic Intelligence
 - c) Emotional Intelligence
 - d) Logical Intelligence
5. **A person who enjoys reading and writing has strong _____ Intelligence.**
 - a) Spatial
 - b) Linguistic
 - c) Logical-Mathematical
 - d) Musical
6. **Which type of intelligence is related to understanding the world through spatial relationships, shapes, and spaces?**
 - a) Spatial Intelligence
 - b) Musical Intelligence
 - c) Logical-Mathematical Intelligence
 - d) Interpersonal Intelligence
7. **A person who is good at singing, playing instruments, or recognizing different sounds likely has strong _____ Intelligence.**
 - a) Linguistic
 - b) Musical
 - c) Spatial
 - d) Emotional
8. **Which intelligence is related to the ability to understand and interact effectively with others?**
 - a) Emotional Intelligence
 - b) Interpersonal Intelligence
 - c) Logical-Mathematical Intelligence
 - d) Naturalistic Intelligence
9. **Which of the following is NOT a type of intelligence according to Gardner's theory?**
 - a) Intrapersonal Intelligence
 - b) Visual-Spatial Intelligence
 - c) Artificial Intelligence
 - d) Naturalistic Intelligence
10. **Which of the following statements is TRUE?**
 - a) Everyone has one dominant intelligence type.
 - b) Intelligence only relates to academic skills.
 - c) Different people have different types of intelligence.
 - d) Musical Intelligence is not a real form of intelligence.
11. **Read the passage and answer the following questions.**

Sita is a 12-year-old girl who loves reading books, especially stories and poems. She is very good at expressing herself through writing and enjoys telling creative stories to her friends. Sita also enjoys participating in debates at school and is always confident when speaking in front of the class. Her teachers often praise her for her ability to use words effectively. Sita's ability to understand complex ideas and explain them clearly shows her talent for using language in different ways.

MCQs Based on the Case Study:

1. **What does Sita enjoy doing the most?**
 - a) Playing sports
 - b) Reading and writing
 - c) Solving puzzles
 - d) Painting

2. **What skill does Sita use when she participates in debates?**
 - a) Musical skills
 - b) Mathematical skills
 - c) Linguistic skills
 - d) Logical skills

3. **What type of intelligence is Sita displaying?**
 - a) Logical-Mathematical Intelligence
 - b) Linguistic Intelligence
 - c) Emotional Intelligence
 - d) Spatial Intelligence

4. **Why do Sita's teachers praise her?**
 - a) Because she is good at solving math problems
 - b) Because she can express herself well with words
 - c) Because she can sing songs
 - d) Because she is good at sports

5. **What does Sita's ability to explain ideas clearly show?**
 - a) Strong Emotional Intelligence
 - b) Strong Linguistic Intelligence
 - c) Strong Logical-Mathematical Intelligence
 - d) Strong Interpersonal Intelligence