



**MOUNT COLUMBUS SCHOOL  
DAKSHINPURI, NEW DELHI – 62**

**WORKSHEET AUGUST  
CLASS VI**

**ENGLISH**

1. A) Fill in the blanks with correct **PERSONAL** pronoun.

- a. Meera`s uncle gave \_\_\_\_\_ a bicycle on her birthday.
- b. My twin brother and \_\_\_\_\_ look alike.
- c. Take this pen and give \_\_\_\_\_ to the teacher

B) Fill in the blanks with correct **REFLEXIVE** pronoun.

- a. They \_\_\_\_\_ are responsible for the loss.
- b. You made this birdhouse \_\_\_\_\_ ?
- c. I completed the project \_\_\_\_\_

C) Fill in the blanks with correct **DEMONSTRATIVE** pronoun.

- a. \_\_\_\_\_ are the papers I found in the garden.
- b. \_\_\_\_\_ is the house I want to sell.
- c. \_\_\_\_\_ are the boys who broke the chairs.

2. Fill in the blanks with correct **ADJECTIVES** from the brackets.

- a. Anita is a very \_\_\_\_\_ girl. (enough/beautiful)
- b. A pentagon has \_\_\_\_\_ sides. (five/ great)
- c. An octopus has \_\_\_\_\_ legs. (shining/ eight)

3. Fill in the blanks with correct words. (**VERBS**)

- a. We always \_\_\_\_\_ to school on nice days. (walk/walks)
- b. She \_\_\_\_\_ up at six o` clock every morning. (wake/wakes)
- c. Grammar and mathematics \_\_\_\_\_ my favourite subjects in school. (is/are)

4. A) Fill in the blanks with correct **SIMPLE PRESENT** form of the verb given in the brackets.

- a. I \_\_\_\_\_ science but \_\_\_\_\_ Maths. (like, dislike/ likes/dislikes)
- b. The earth \_\_\_\_\_ around the Sun. (revolve/revolves)
- c. \_\_\_\_\_ Aman go to play? (do/does)

B) Fill in the blanks with correct **SIMPLE PAST** form of the verb given in the brackets.

- a. Grandmother \_\_\_\_\_ to the temple yesterday. (go/went)
- b. Last week, we \_\_\_\_\_ a new lesson. (learnt/learn)
- c. Teacher \_\_\_\_\_ me why I was absent. (ask/asked)

C) Fill in the blanks with correct **SIMPLE FUTURE** form of the verb given in the brackets.

- a. Dona \_\_\_\_\_ a new mobile next month. (bought/will buy)
- b. Ben \_\_\_\_\_ a good song. (sings/ will sing)
- c. Next year, I \_\_\_\_\_ in London. (live/will live)

## हिंदी

निम्नलिखित प्रश्नों के सही उत्तर विकल्पों में से चुनिए-

(क) "जाके पाँव न फटे विवाई,

सो क्या जाने पीर पराई" का अर्थ क्या होगा ?

- (i) बहुत कठोर होना (ii) दयालु होना  
(iii) जिसके ऊपर बीतती है, बस वही जानता है। (iv) अन्य लोगों के कष्ट को अनुभव करना

(ख) कौन सा शब्द 'बादल' का पर्यायवाची नहीं है ?

- (i) वारिधि (ii) जलद (iii) नीरद (iv) मेघ

(ग) 'यथाशीघ्र' शब्द में कौन सा समास होगा ?

- (i) अव्ययीभाव (ii) कर्मधारय (iii) तत्पुरुष (iv) द्वंद्व

(घ) जातिवाचक संज्ञा शब्द निम्न में से कौन-सा है ?

- (i) दिल्ली (ii) कामायनी (iii) वकील (iv) इनमें से कोई नहीं

(ङ) पेड़ पर पक्षी बैठे हैं। इस वाक्य में 'पेड़ पर' पद में कौन सा कारक होगा ?

- (i) अपादान कारक (ii) अधिकरण कारक (iii) कर्म कारक (iv) सम्बन्ध कारक

(च) प्रख्यात' शब्द में प्रयुक्त उपसर्ग है -

- (i) प्र (ii) प्रख् (iii) पर (iv) पर्

(ज) 'वि' उपसर्ग युक्त शब्द छाँटिए

- (i) विकराल (ii) विवर (iii) विप्र (iv) विधवा

(झ) 'लेखक' शब्द में प्रत्यय बताये

- (i) अन (ii) अनीय (iii) अक (iv) अक्कड़

(ञ) 'पिटाई' में प्रत्यय क्या है ?

- (i) आव (ii) आई (iii) आप (iv) आका

## संस्कृत

प्रश्न 1. निम्नअव्यय शब्दानि लिखत।

(क) अति                      ख) इति                      (ग) अधुना                      (घ) इदानीम्                      (ङ) तदा

प्रश्न 2. संस्कृतभाषायाम् अनुवादं कुरुत।

(क) बालक तैरता है।                      (ख) दो घोड़े दौड़ते हैं  
(ग) तुम नाचती हो।                      (घ) वे सब कलाकार हैं।

प्रश्न 3. देव शब्दस्य विभक्ति रूपाणि पूरयत ।

एकवचन                      द्विवचन                      बहुवचन

प्रथमा

तृतीया

पञ्चमी

सप्तमी

प्रश्न 4. निम्न संख्यावाचक शब्द लिखत ।

(क) 24

(ख) 30

(ग) 36

(घ) 42

(ङ) 47

प्रश्न 5. गम्, नम् धातु रूप लिखत।( लट् लकार/लृट् लकार)।



## SCIENCE

### Q1. Choose the correct option.

1. Which of the following is not the primary function of stem?
  - a. Conduction of water
  - b. Photosynthesis
  - c. Formation of branches
  - d. Bears flowers and fruits
  
2. Chemical energy gets converted into electrical energy through an electric \_\_\_\_\_.
  - a. Cell
  - b. Switch
  - c. Bulb
  - d. Wire
  
3. Which part of the leaf helps them to become attached to the stem?
  - a. Midrib
  - b. Petiole
  - c. Veins
  - d. Lamina

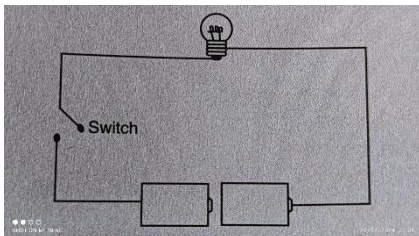
### Q2. Define the following.

- a. Electric Insulators
- b. Electrical Conductors
- c. Pistil
- d. Veins

### Q3. How you will identify the type of roots by observing the leaves of some plants?

### Q4. Electric wires have a plastic or rubber coating around them. Explain why?

### Q5. Look at picture given below:



What are the two things that must be done to make the bulb glow in the given circuit?

### Q6. Differentiate between the following with the help of diagram.

- a. Tap root and fibrous root
- b. Open circuit and closed circuit
- c. Trees and Climbers

## SOCIAL SCIENCE

### **Q1. Read the passage and answer the following questions.**

The Equator is an imaginary line that runs around the middle of the Earth, dividing it into two hemispheres - the Northern Hemisphere and the Southern Hemisphere. It is located at 0° latitude and is approximately 40,075 kilometers long. The Equator passes through 13 countries, including Ecuador, Colombia, and Indonesia. The region near the Equator receives direct sunlight throughout the year, resulting in a relatively constant temperature and high levels of humidity. This unique climate supports a diverse range of flora and fauna, making the Equator one of the most biodiverse regions on the planet.

1. What is the Equator?

- a) A mountain range
- b) An imaginary line around the Earth
- c) A river
- d) A desert

2. How many countries does the Equator pass through?

- a) 5
- b) 10
- c) 13
- d) 15

3. What is unique about the climate near the Equator?

- a) It is very cold.
- b) It is very hot
- c) It is relatively constant
- d) It is very dry

4. What is supported by the climate near the Equator?

- a) A limited range of flora and fauna
- b) A diverse range of flora and fauna
- c) Only flora
- d) Only fauna

5. What is the approximate length of the Equator?

- a) 30,000 km.
- b) 40,075 km
- c) 50,000 km
- d) 60,000 km

Q2. Read the following statements and tick the correct answers.

1. Statement 1. India lives in which cities.

Statement 2. All the citizens are unequal according to the constitution.

- a) Both the sentences are true.
- b) Both the sentences are false.
- c) A false and B true.
- d) B false and A true.

2. Statement 1 – A globe shows the actual shape of the moon.

Statement 2-The Earth rotates on its Axis which is an imaginary line.

- a) Both A and B are true.
- b) A is true. B is false.
- c) Both A and B are false.
- d) A is false. B is true.

3. Statement 1- The earth gets its geoid shape because of rotation

Statement 2- It bulges out as the equator as it since faster there.

- a) Both A and B are true.
- b) A is true. B is false.
- c) Both A and B are false.
- d) A is false. B is true

Q3. Fill in the blanks.

- a) \_\_\_\_\_ is the speed at which the Earth revolves.
- b) The earth is made at an angle of \_\_\_\_\_.
- c) \_\_\_\_\_ is the miniature model of a Earth.
- d) The torrid is soul lies between \_\_\_\_\_ and \_\_\_\_\_.
- e) The full form of BDO is \_\_\_\_\_.

Q4. Who I am

- a) I am that organ of government which is responsible for making laws \_\_\_\_\_
- b) I am the one who presides over meetings in the absence of the sarpanch. \_\_\_\_\_
- c) This the region from where the prime meridian passes through. \_\_\_\_\_.

Q5. Define the terms.

- a) Rotation
- b) Revolution
- c) Prime meridian
- d) Gram Sabha
- e) Gram Panchayat

## ARTIFICIAL INTELLIGENCE

Choose the correct option.

### Case Study 1: "The Chatbot Helper"

Anna is using an app called "ChatBuddy" to help her with her homework. Whenever she asks questions about math or science, ChatBuddy gives her explanations and examples. Anna notices that ChatBuddy seems to understand her questions and provide relevant answers.

1. What type of AI app is "ChatBuddy"?
  - a) Image Editor
  - b) Chatbot
  - c) Music Player
  - d) Video Game
2. How does "ChatBuddy" help Anna with her homework?
  - a) By showing pictures
  - b) By providing explanations and examples
  - c) By playing games
  - d) By sending messages
3. What technology does "ChatBuddy" use to understand and answer questions?
  - a) Augmented Reality
  - b) Artificial Intelligence
  - c) Virtual Reality
  - d) Internet of Things
4. Why might "ChatBuddy" be useful for students like Anna?
  - a) It plays educational games
  - b) It provides instant help with school subjects
  - c) It creates art
  - d) It makes phone calls

### Case Study 2: "The Smart Photo App"

Liam uses an app called "PhotoMagic" that automatically enhances his photos. When he takes a picture, PhotoMagic adjusts the colors, sharpness, and brightness without him needing to do anything. Liam is amazed at how the photos always look professional.

1. What is the main feature of the "PhotoMagic" app?
  - a) Automatic photo enhancement
  - b) Drawing and painting tools
  - c) Music editing
  - d) Video playback
2. How does "PhotoMagic" make Liam's photos look better?
  - a) By adding stickers
  - b) By adjusting colors, sharpness, and brightness
  - c) By changing the photo's size
  - d) By adding text
3. What happens to Liam's photos when he uses "PhotoMagic"?
  - a) They are deleted automatically
  - b) They are enhanced with better colors and clarity
  - c) They are shared on social media
  - d) They are printed out
4. How does "PhotoMagic" improve the photos without Liam's manual input?
  - a) By using AI algorithms
  - b) By adding filters manually
  - c) By cropping the images
  - d) By uploading them to the cloud

## INFORMATION TECHNOLOGY

### Multiple Choice Questions

1. What is a table in MS Excel?
  - a) A chart to display data
  - b) A way to organize data into rows and columns
  - c) A formula to calculate data
  - d) A picture to insert into a spreadsheet
2. How do you create a table in MS Excel?
  - a) By selecting a range of cells and clicking "Table" in the "Insert" tab
  - b) By selecting a range of cells and clicking "Chart" in the "Insert" tab
  - c) By typing "Table" in a cell
  - d) By drawing a table using the "Draw" tool
3. What is the purpose of headers in a table?
  - a) To display data
  - b) To organize data into rows and columns
  - c) To label columns
  - d) To insert pictures
4. How do you sort data in a table?
  - a) By clicking "Sort" in the "Data" tab
  - b) By clicking "Filter" in the "Data" tab
  - c) By clicking "Chart" in the "Insert" tab
  - d) By typing "Sort" in a cell
5. What is a chart in MS Excel?
  - a) A table to display data
  - b) A way to organize data into rows and columns
  - c) A visual representation of data
  - d) A formula to calculate data
6. How do you create a chart in MS Excel?
  - a) By selecting data and clicking "Chart" in the "Insert" tab
  - b) By selecting data and clicking "Table" in the "Insert" tab
  - c) By typing "Chart" in a cell
  - d) By drawing a chart using the "Draw" tool



7. What type of chart is used to compare data?

- a) Bar chart
- b) Pie chart
- c) Line chart
- d) All of the above

8. How do you add data to a chart?

- a) By typing data in the chart
- b) By copying and pasting data into the chart
- c) By selecting data and clicking "Update" in the "Chart" tab
- d) By drawing data onto the chart

9. What is the purpose of legends in a chart?

- a) To display data
- b) To organize data into rows and columns
- c) To label data series
- d) To insert pictures

10. How do you save a chart as an image?

- a) By clicking "Save As" in the "File" tab and selecting "Image"
- b) By clicking "Print" in the "File" tab
- c) By clicking "Copy" in the "Home" tab and pasting into an image editor
- d) By typing "Save As Image" in a cell

#### Short Answer Questions

1. What is the difference between a table and a chart in MS Excel?
2. How do you format a table in MS Excel to make it look visually appealing?
3. What are the different types of charts available in MS Excel, and when would you use each?
4. How do you add a title to a chart in MS Excel?
5. What is the purpose of the "Data" tab in MS Excel, and how is it used when working with tables and charts