



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI-110062
WORKSHEET-OCTOBER
CLASS-VI

ENGLISH

I. Fill in the Blanks with simple future tense

- a) She _____ you with your class project (help).
- b) She _____ your birthday (not forget).
- c) The teacher _____ shortly (arrive).
- d) I _____ to the store tomorrow (go).
- e) The team _____ the championship this year (win).
- f) She _____ a new job next week (start).
- g) They _____ to Europe next summer (travel).
- h) We _____ at the cafe for coffee tomorrow (meet).
- i) They _____ their grandparents and parents next week (visit).
- j) I _____ you as soon as I get home (call).

II. Change the following sentences into future simple and rewrite them again.

- a) The students are studying for the test.
- b) Bruno is playing soccer in the stadium.
- c) They are having a party at their house.
- d) We are watching a movie tonight.
- e) The dog is barking at the mailman.
- f) They are building a new house.
- g) We are planning our vacation soon.
- h) She is watering the plants in the garden.
- i) They are discussing the project at the meeting.
- j) He is learning to play the guitar.

III. Choose the Correct Option. (Simple Future Tense)

1. I _____ my grandparents next weekend.
a) Will visit b) Visit c) Will visits
2. She _____ the conference next Saturday.
a) Attend b) Will attend c) Will attending
3. They _____ to the movies tonight.
a) Go b) Will go c) Goes
4. He _____ the project by Friday.
a) Finish b) Will finish c) Finishes
5. The team _____ a charity event next week.
a) Will organize b) Organize c) Will be organizes
6. We _____ at the park.
a) Will meet b) Will be meeting c) Meet
7. My friends _____ here in an hour.
a) Be b) Will be c) Will
8. David and his father _____ a new car next month.
a) Buy b) Will buy c) Will be buying

हिंदी

प्रश्न 1. निम्नलिखित प्रश्नों के उत्तर लिखिए-

- (क) कश्मीर को पाठ में “केसर वाला देश” क्यों कहा गया?
- (ख) पाठ में कश्मीर की प्राकृतिक सुंदरता और प्रमुख विशेषताएँ क्या हैं?
- (ग) कश्मीर की संस्कृति और धरोहर के बारे में आपने क्या सीखा?
- (घ) यदि आप कश्मीर घूमने जाएँ तो आप कौन-सी चीज़ सबसे पहले देखना चाहेंगे और क्यों?
- (ङ) *नन्हा-सा पौधा* एकांकी का मुख्य संदेश क्या है?
- (च) पाठ में पात्र कौन-कौन हैं?
- (छ) पौधों की रक्षा क्यों आवश्यक है?
- (ज) इसमें राष्ट्रीय एकता की भावना कैसे झलकती है?

संस्कृत

प्रश्न 1) गद्यांशान् पठित्वा प्रश्नानाम् उत्तराणि लिखत ।

एकदा ग्रामे कश्चित् कृषकः निवसति स्म। स प्रतिदिनं प्रातःकाले कृषिकार्यं कृत्वा श्रान्तः गृहं प्रत्यागच्छति स्म। तस्य एकः पुत्रः आसीत्। पुत्रः सदैव क्रीडनकानि एव प्रियं मन्यते स्म। स पितरं कृषिकार्ये न सहायतुं गच्छति स्म। एकस्मिन् दिने पितरं पृष्टवान् — “किं कृषिकार्यं कष्टकरं भवति?” पितरं तम् उक्तवान् — “त्वं यदा मम सह कृष्यां कार्यं करिष्यसि, तदा जानिष्यसि।”।

उत्तरत लिखत -

- (i) कस्मिन् एकस्मिन् दिने पुत्रः किं पृष्टवान्?
- (ii) कृषकः प्रतिदिनं किम् करोति स्म?
- (iii) पुत्रस्य किम् अधिकं प्रियं आसीत्?
- (iv) कृषकः पुत्रं किं उक्तवान्?
- (v) एषः गद्यांशः कुत्र स्थितस्य जीवनं वर्णयति?

प्रश्न 2. शुद्धं विकल्पं चिनुत।

(i) मनोहरं किम् अस्ति ?

- (क) पुष्पम् (ख) फलम् (ग) उद्यानम् (घ) पत्रम्

(ii) जनाः उद्याने किं कुर्वन्ति ?

- (क) व्यायामम् (ख) क्रीडाः (ग) भ्रमणम् (घ) प्रोक्तानि सर्वाणि

(iii) बालाः हंसान् दृष्ट्वा किं कुर्वन्ति?

- (क) तरन्ति (ख) हृष्यन्ति (ग) धावन्ति (घ) रुदन्ति

प्रश्न 3. शब्दार्थाः लिखत ।

- (i) पादपान्
- (ii) वृक्षान्
- (iii) केचन
- (iv) जम्बू

प्रश्न 4. एकपञ्चाशत्तः षष्टिं (51-60) पर्यन्तं सङ्ख्याशब्दान् लिखत।

प्रश्न 5. संस्कृतभाषायां पञ्च फलानां नामानि लिखत।

MATHEMATICS

Q1. If $l = 6$, $m = 7$, $n = 0$ find the value of

a) $l \times m \times n$

b) $2l - 3m - 4n + lmn$

Q2. Form the algebraic expressions of the following –

a) p divided by 10

b) A number b increased by the difference of a and 5

Q3. Write the expressions by combining the following terms.

a) $4x$, $7y$, $-5z$, -29

b) $9a$, b , c , 32

Q4. Solve the following equations-

a) $3s + 12 = 0$

b) $8x + 4 = 3(x - 1) + 7$

Q5. Form the equations –

a) Forty five added to a number gives 165

b) Thrice a number added to 7 gives 34

Q6. Solve the following equations by using inverse operation –

a) $-2 + u = 23$

b) $4x - 7 = 2x - 5$

Q7. Determine whether the given value of the variable is a solution of the equation or not.

$x + 8 = 16$ ($x=7$)

Q8. Shalu is twice as old as Shina. Five years ago his age was three times Shina's age. Find their present ages.

Q9. Find the value of p in $-8 + p = -40$

Q10. Identify the monomials, binomials, trinomials and polynomials in

a) $5a + 7$

b) $3x + 5y + 8z - 9$

SCIENCE

Q1. Choose the correct option.

- a. Which parts of the fish helps it to move forward?
i. Hands and fins ii. Legs and fins iii. Gills and fins iv. Fins and tail
- b. What is the other name of touch-me-not plant?
i. Mimosa ii. Money plant iii. Tulsi iv. Rose
- c. There are _____ pairs of ribs in the chest.
i. 15 ii. 30 iii. 12 iv. 11
- d. _____ has an eight arms and has the ability to regenerate its arms if any of its arms is cut.
i. Lizard ii. Octopus iii. Star fish iv. Sea horse

Q2. Define the following terms.

- a. Acclimatisation
- b. Adaptation
- c. Ligaments
- d. Pivot joint
- e. Habitat

Q3. Answer the following in one word.

- a. Joint which allows movement in all directions.
- b. Framework of bones that give shape to our body.
- c. The movement of plants towards light.
- d. All part of plant life in a place.

Q5. Differentiate between the following:

- a. Biotic and abiotic components
- b. Autotrophic organisms and heterotrophic organisms
- c. Ball and socket joint and hinge joint
- d. Exoskeleton and endoskeleton

Q6. Answer the following questions.

- a. Name the factors that are essential for the survival of living organisms?
- b. Why can our elbow not move backwards?
- c. Do all animals have bones? Justify your answer.
- d. How do snails move?
- e. How does temperature vary in day and night in the desert regions?
- f. Write two adaptive features of polar bear that help them to survive in cold climate.
- g. Define aquatic habitat and write its types also.

SOCIAL SCIENCE

Q1. Read the passage and answer the following questions.

Work is an important part of our life. Every person who works helps the world in some way. A farmer grows food for us, a teacher helps us learn, and a doctor takes care of our health. When we work hard, we feel proud and happy. Work teaches us discipline, patience, and respect for others. We should never be lazy and must always do our work honestly.

1. Who helps us learn new things?

- a) Doctor
- b) Farmer
- c) Teacher
- d) Shopkeeper

2. What does a farmer do?

- a) Builds houses
- b) Grows food
- c) Cures patients
- d) Teaches lessons

3. How do we feel when we work hard?

- a) Angry
- b) Tired
- c) Proud and happy
- d) Lazy

4. What does work teach us?

- a) Laziness
- b) Discipline and patience
- c) To waste time
- d) To complain

5. How should we always do our work?

- a) Slowly
- b) Dishonestly
- c) Carelessly
- d) Honestly

Q2. Fill in the blanks.

1. _____ is a place where raw materials are converted into different usable goods.
2. Manufacturing plays a crucial role in economic development by adding value to raw materials.
3. Work serves as both a means of _____ livelihood and a way to contribute to _____.
4. _____ was the first site to be discovered by the archaeologists.

5. Granaries were used to store _____.

6. The river Saraswati is now known as _____.

Q3. Give one example for each of the following.

1. One example of manufacturing activities. _____
2. One example that shows payment in kind. _____
3. One religious belief of the Harappan sites. _____
4. One occupation of the people in Indus Civilisation. _____

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

1. The earthenware was mostly wheel -made and decorated with geometric designs.
2. The great bath was located in Harappa.
3. Charitable work is done to help the needy usually without profit.
4. Any exchange of money for goods and services provided are called monetary transaction.

ARTIFICIAL INTELLIGENCE

1. Which command will make the robot move forward?
 - a) Turn Left
 - b) Stop
 - c) Move Forward
 - d) Jump
2. What does the command “Turn Right” do?
 - a) Makes the robot move backward
 - b) Makes the robot turn to the right side
 - c) Stops the robot
 - d) Makes the robot dance
3. What should a robot do when it finds an obstacle?
 - a) Move faster
 - b) Stop
 - c) Turn Left and continue
 - d) Go backward
4. Which command is used to make the robot play a sound?
 - a) Move Forward
 - b) Turn Left
 - c) Play Sound
 - d) Stop
5. How will you make the robot move in a square shape?
6. What program will make the robot stop when something comes in front of it?
7. Can you write a small program to make the robot move forward 5 steps?
8. What does the “Turn Right” command do?
9. What is the use of “Repeat” in a robot program?
10. How can you stop the robot?

INFORMATION TECHNOLOGY

SECTION A: Multiple Choice Questions

1. What is Scratch?
 - a) A mobile game
 - b) A visual programming language to create games and animations
 - c) A social media platform
 - d) A video editing software
2. In Scratch, characters or objects are called:
 - a) Actors
 - b) Images
 - c) Sprites
 - d) Players
3. Which button do you click to start your Scratch program?
 - a) Red stop button
 - b) Green flag
 - c) Yellow star
 - d) Blue circle
4. The "Forever" block is found in which category?
 - a) Motion
 - b) Looks
 - c) Control
 - d) Events
5. Which block category is used to move a sprite forward or backward?
 - a) Sound
 - b) Motion
 - c) Looks
 - d) Pen

SECTION B: Short Answer Questions

6. What is a Sprite in Scratch? Give one example.
7. Name the three main areas of the Scratch interface.
8. What is the purpose of the "Say" block in Scratch?
9. Explain what a "loop" does in Scratch programming.
10. How can you change the background of your Scratch game?