



**MOUNT COLUMBUS SCHOOL**  
**DAKSHINPURI, NEW DELHI-110062**  
**CLASS- VII**  
**WORKSHEET – JULY**  
**ENGLISH**

**I. Answer the following questions.**

- a. What are the weavers weaving at daybreak? How does the colour reflect the time of the day?
- b. What is the theme of poem 'Indian Weavers'?
- c. What do the weavers weave at dusk? What are the colours they use?
- d. Why are the three children in the Kaziranga forest reserve?
- e. What is the poet's message in the poem?
- f. Where according to the poet, should the tiger have been?

**II. Fill in the blanks with suitable determiners.**

- a. I have read \_\_\_ interesting book about space.
- b. \_\_\_ students were absent today.
- c. Do you have \_\_\_ idea what time it is?
- d. \_\_\_ apple a day keeps the doctor away.
- e. We met her at \_\_\_ park near the station.
- f. \_\_\_ of the answers is correct.
- g. \_\_\_ car is this?
- h. She found \_\_\_ coins under the sofa.

**III. Choose the correct determiner**

- a. (Some / Any) of the cake is left.
- b. (This / These) pencil is too short.
- c. (Each / All) student was given a certificate.
- d. I don't have (much / many) sugar left.
- e. (His / Him) mother is a doctor.
- f. They have (an / a) orange tree in their backyard.
- g. (That / Those) flowers are blooming.
- h. We won (the / a) first prize in the contest.

**IV. Underline the determiners in the following sentences**

- a. My sister bought a blue dress.
- b. Each boy was given a chocolate.
- c. That dog is very friendly.
- d. Several books were missing from the library.
- e. What movie are we watching tonight?

## हिंदी

### प्रश्न 1. निम्नलिखित प्रश्नों के उत्तर लिखिए-

- (क) आपको "काँटों" से क्या प्रतीकात्मक अर्थ समझ आता है?  
(ख) क्या आपने कभी कोई कठिन समय पार किया है? कैसे?  
(ग) इस कविता ने आपको क्या सिखाया?  
(घ) कौन-सी पंक्ति सबसे प्रेरणादायक लगी और क्यों?  
(ङ) भविष्य में अगर कठिनाइयाँ आएँ तो आप क्या करेंगे?  
(च) "हेर-फेर" शब्द से आपको क्या अर्थ समझ में आता है?  
(छ) कौन-सा पात्र आपको सबसे प्रभावशाली लगा और क्यों?  
(ज) क्या आपने कभी ऐसा अनुभव किया है जहाँ किसी निर्दोष को दोषी ठहराया गया हो?

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

- (क) निम्न में से कौन-सा शब्द "जातिवाचक संज्ञा" नहीं है?  
(अ) शहर (ब) आदमी (स) दिल्ली (द) नदी
- (ख) 'घबराहट' किस प्रकार की संज्ञा है?  
(अ) भाववाचक संज्ञा (ब) द्रव्यवाचक संज्ञा (स) व्यक्तिवाचक संज्ञा (द) जातिवाचक संज्ञा
- (ग) निम्न में से कौन-सा शब्द पुल्लिंग नहीं है?  
(अ) शिक्षक (ब) बालक (स) माली (द) नर्तकी
- (घ) 'दवाई' का बहुवचन क्या होगा?  
(अ) दवाईयाँ (ब) दवाईयां (स) दवाईयाँ (द) कोई नहीं
- (ङ) 'राजपुत्र' में कौन-सा समास है?  
(अ) द्वंद्व समास  
(ब) बहुव्रीहि समास  
(स) तत्पुरुष समास  
(द) कर्मधारय समास
- (च) 'सीताराम' में कौन-सा समास है?  
(अ) द्वंद्व समास  
(ब) बहुव्रीहि समास  
(स) तत्पुरुष समास  
(द) कर्मधारय समास

## संस्कृत

### प्रश्न 1. अधोलिखितं गद्यांशं पठित्वा प्रदत्तान् प्रश्नान् उत्तरत् ।

राजगृहं प्राचीनं नगरं अस्ति। तत्र एकं रमणीयं विहारं अस्ति। विहारस्य समीपे एकः जलाशयः अपि अस्ति। जलाशयस्य जलं निर्मलम् अस्ति। तत्र बहवः विहगाः आगच्छन्ति। बालकाः तत्र क्रीडन्ति, हृष्टाः च भवन्ति। पर्यटकाः अपि तं देशं दृष्ट्वा प्रसन्नाः भवन्ति। विहारस्य समक्षं एकः उद्यानः अपि अस्ति। तत्र पुष्पाणि विकसितानि दृश्यन्ते। मकरन्दस्य गन्धेन सर्वं परिवेशं सुगन्धितं भवति। जनाः तत्र उपविशतः विश्रान्तिं अनुभवन्ति। एषः देशः सौन्दर्येण प्रसिद्धः अस्ति।

- (i) राजगृहं किं अस्ति?
- (ii) विहारस्य समीपे किं अस्ति?
- (iii) जलाशयस्य जलं कथं अस्ति?
- (iv) तत्र के-के आगच्छन्ति?
- (v) विहारस्य समक्षं किं दृश्यते?
- (vi) पुष्पाणां गन्धेन किं भवति?

### प्रश्न 2. रिक्त स्थानानि पूरयत ।

- (i) अस्माकं विद्यालयः \_\_\_\_\_ नगरे स्थितः अस्ति।
- (ii) विद्यालयं परितः \_\_\_\_\_ वृक्षाः शोभन्ते।
- (iii) अत्र एकः \_\_\_\_\_ अपि विद्यते।
- (iv) \_\_\_\_\_ अध्यापकाः अध्यापिकाः च छात्रान् शिक्षयन्ति।
- (v) विद्यालये \_\_\_\_\_ छात्रावासे निवसन्ति।

### प्रश्न 3. प्रश्नोत्तरम् (उत्तर संक्षेपेण लिखत):

- (i) अस्माकं विद्यालयः कुत्र स्थितः अस्ति?
- (ii) विद्यालयस्य भवनं कथं अस्ति?
- (iii) छात्राः कुत्र-कुत्रतः आगच्छन्ति?
- (iv) विद्यालये कति कक्षाः सन्ति?
- (v) विद्यालये क्रीडायाः व्यवस्था का अस्ति?

### प्रश्न 4. निम्न संख्यावचाक शब्दाः लिखत ।

- (i) 17
- (ii) 24
- (iii) 35
- (iv) 39
- (v) 44

## MATHS

Q1. What is the value of  $\frac{3}{4} + \frac{5}{8}$ ?

- a)  $\frac{8}{12}$  b)  $\frac{11}{8}$  c)  $\frac{3}{8}$  d)  $\frac{7}{8}$

Q2. Which of the following is equivalent to 0.25?

- a)  $\frac{1}{2}$  b)  $\frac{1}{4}$  c)  $\frac{2}{5}$  d)  $\frac{3}{4}$

Q3. The product of  $\frac{2}{3} \times \frac{3}{4}$  is:

- a)  $\frac{5}{6}$  b)  $\frac{6}{12}$  c)  $\frac{1}{2}$  d)  $\frac{3}{7}$

Q4.  $0.9 \times 0.1 = ?$

- a) 0.09 b) 0.9 c) 1 d) 0.01

Q5. Fill in the Blanks

a)  $\frac{5}{6} \div \frac{1}{2} =$  \_\_\_\_\_

b) The decimal form of  $\frac{3}{5}$  is \_\_\_\_\_

c)  $4.5 \times 10 =$  \_\_\_\_\_

d) 3.75 divided by 5 = \_\_\_\_\_

Q6. Simplify:  $\frac{7}{8} + \frac{5}{12}$

Q7. Convert the following decimals into fractions in simplest form:

- a) 0.2 b) 1.25 c) 2.75

Q8. Subtract:  $3\frac{1}{2} - 1\frac{3}{4}$

Q9. Multiply and simplify:  $\frac{3}{5} \times \frac{10}{9}$

Q10 A ribbon is 5.6 meters long. If it is cut into 4 equal parts, what is the length of each part?

Q11 A bottle contains 2.5 litres of juice. How many bottles are needed to fill 15 litres?

Q12 A chocolate weighs 0.125 kg. What will be the weight of 8 such chocolates?

Q13 Rina runs 2.4 km daily. How much distance will she cover in a week?

Q14 Arrange the following in ascending order:  $\frac{2}{3}$ , 0.6,  $\frac{5}{8}$ , 0.75

Q15 A car covers 18.5 km using 1 litre of petrol. How much petrol is needed for 111 km?

## SCIENCE

**Q1. A student plotted the following points on a distance-time graph:**

Distance	Time
0	0
10	5
20	10
30	15
40	15

**(a) What kind of motion is represented from 0 to 30 min?**

**(b) What does the graph indicate between 30 to 40 minutes?**

**(c) What is the speed of the object from 0 to 30 minutes?**

**Q2. Convert the speed of 54 km/h to m/s.**

**Q3. A simple pendulum takes 4 seconds to complete 2 oscillations.**

**(a) What is the time period of the pendulum?**

**(b) How many oscillations will it complete in 1 minute?**

**Q4. Draw the shape of distance-time graph for when Rahul was waiting for the taxi at the pick-up point.**

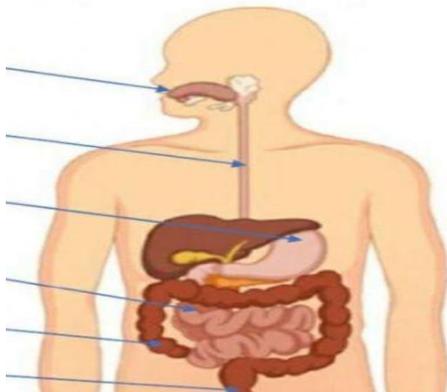
**Q5. If a person's liver stops producing bile, how will it affect the digestion of food? Explain the consequences.**

**Q6. Imagine a person has no teeth but eats a healthy, balanced diet. Will digestion still be affected? Why or why not?**

**Q7. Why do carnivores like lions have short intestines while herbivores like cows have very long intestines? Explain this in terms of their diet and digestion.**

**Q8. Why is the stomach lined with mucus? What could happen if this mucus were not present?**

**Q9. Label the following diagram of human digestive system:**



## SOCIAL SCIENCE

### A. Fill in the blanks.

1. \_\_\_\_\_ was the founder of the Slave Dynasty.
2. Muhammad bin Tughlaq shifted his capital from Delhi to \_\_\_\_\_.
3. The last ruler of the Lodi Dynasty was defeated by \_\_\_\_\_ in the First Battle of Panipat in 1526 CE.
4. The four varnas of Hindu societies were \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
5. The most powerful kingdom of the Gonds was \_\_\_\_\_.

### B. State whether the following statements are true or false.

1. All the rocks are sources of precious gems and stones.
2. In ancient times, rocks were used to make tools and weapons.
3. The most powerful Gond ruler was Sukaphaa.
4. It is believed that the Gonds migrated to the Brahmaputra valley from present-day Myanmar.
5. Alauddin Khalji was the nephew of Jalaluddin Khilji,

### C. Match column A with column B.

#### Column A

#### Column B

- |                            |                   |
|----------------------------|-------------------|
| 1. Raziya Sultan's husband | a) Token currency |
| 2. Raziya Sultan's father  | b) Ibn Battuta    |
| 3. Moroccan traveller      | c) Altunia        |
| 4. Qutubuddin Aibak        | d) Iltutmish      |
| 5. Muhammad bin Tughlaq    | e) Lakh Baksh     |

### D. Answer the questions in brief.

1. Who was the founder of the Slave Dynasty?
2. Who started the practice of sijdah and paibos?
3. Who defeated Ibrahim Lodi in the First Battle of Panipat?
4. Name the layers of the earth.
5. Write any three uses of rocks.

## INFORMATION TECHNOLOGY

### Introduction to HTML

Name: \_\_\_\_\_

Date: \_\_\_\_\_

#### Q.1 : Match the Tag to Its Purpose

HTML Tag	Function
<html>	A. Displays text in paragraph form
<body>	B. Main section that displays content
<title>	C. Used to create headings
<p>	D. Starts the HTML document
<h1>	E. Shows the page name on the browser tab

#### Q.2 Fill in the Blanks

HTML stands for H \_\_\_\_\_ T \_\_\_\_\_ M \_\_\_\_\_ L \_\_\_\_\_.

The tag used to start an HTML document is <\_\_\_\_\_>.

To make text bold, we use the <\_\_\_\_\_> tag.

A web browser reads and displays \_\_\_\_\_ code.

Tags are usually written in \_\_\_\_\_ brackets.

#### Q.3 Spot the Error! (Find and correct the errors in this HTML snippet: )

```
<html>
<head>
<title>My First Page</title>
</head>
<body>
<h1>Welcome to my page<h1>
<p>This is my first HTML page.<p>
</body>
</html>
```

Correct the code and rewrite it properly below:

---

---

---

---

---

---

---

---

---

---

#### Q.4 Tag Jumble!

Unscramble the HTML tag names:

LMTH = \_\_\_\_\_

OYDB = \_\_\_\_\_

GMIA = \_\_\_\_\_

PH = \_\_\_\_\_

TLEIT = \_\_\_\_\_

#### Q.5 Create a Simple Web Page

Write HTML code for a web page that includes:

A title "My HTML Page"

A heading "About Me"

A paragraph about your hobbies

Write your HTML code below:

```
<html>
<head>
<title>_____</title>
</head>
<body>
<h1>_____</h1>
<p>_____
_____
_____
_____</p>
</body>
</html>
```

## ARTIFICIAL INTELLIGENCE

### A. Multiple Choice Questions (MCQs)

#### 1. What is an algorithm?

- a) A type of computer hardware
- b) A visual representation of steps
- c) A set of step-by-step instructions to solve a problem
- d) A programming language

#### 2. Which flowchart symbol represents the beginning or end of an algorithm?

- a) Rectangle
- b) Diamond
- c) Oval
- d) Parallelogram

#### 3. If you want to show a step where the computer needs to take some information from the user, which flowchart symbol would you use?

- a) Process (Rectangle)
- b) Decision (Diamond)
- c) Input/Output (Parallelogram)
- d) Start/End (Oval)

#### 4. What characteristic means an algorithm must finish after a certain number of steps? a)

- a) Clear and Unambiguous
- b) Finite
- c) Effective
- d) Visual

#### 5. What is the main benefit of using a flowchart? a) It makes the algorithm longer. b) It hides the steps of the problem. c) It provides a visual map of the algorithm's steps. d) It writes the computer code automatically.

### B. Short Answer Questions

#### 1. Define an algorithm in your own words.

#### 2. What is the purpose of the "Decision" symbol (diamond shape) in a flowchart?

#### 3. List two reasons why algorithms and flowcharts are important for problem-solving.

#### 4. Give an example of a simple problem that can be solved using an algorithm.

#### 5. What does it mean for an algorithm to be "Clear and Unambiguous"?