



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI-62
WORKSHEET – NOVEMBER (2024-25)
CLASS – VIII

ENGLISH

A. Read the following comprehension passage and answer the questions briefly:

A 92year -old lady, who is fully dressed each morning by eight o'clock with perfect make-up, even though she is blind, moved to an old age home. Her husband recently passed away. She didn't even have children too. After many hours of waiting patiently in the lobby she smiled sweetly when she was ready. She was provided a visual description of her tiny room.

"I love it," stated with the enthusiasm of an eight-year-old having just been presented with a new puppy.

"But.....but Mrs. Jones, you haven't seen the room," said the attendant. "That doesn't have anything to do with it,' she replied. "Happiness is something you decide, I have already decided to love it. Its a decision I make every morning I wake up. I can spend the day in bed, recounting the difficulty I have with the parts of my body that don't work, or get out of bed and be thankful for the ones that do. Each day is a gift, and as long as I am alive I'll focus on the new day and all the happy memories I've stored away, just for this time in my life. 'The attendant was touched by the elderly woman's sense of cheer and boundless enthusiasm.

Q 1) Why did the old woman move to an old age home?

Q 2) How did she react when the attendant gave a description of the room she had to live in?

Q 3) What resolution did she make when she woke up every morning?

Q 4) What does the story tell about the old woman?

A.2 From the passage, find out the one-word substitute for the following explanations:

- 1) Give an account of
- 2) Unlimited

A.3 Find the antonym of the following words from the passage:

- 1) Whole
- 2) dead

B. Complete the paragraph with the correct tense and modals.

Students should help their parents financially by spending money wisely. First, they a) _____ (shall, plan) their daily budget based on their allowance. The budget b) _____ (shall, include) savings at the end of the month. Saving even a ringgit a month, helps during an emergency. Second, they c) _____ (shall, cut) their expenses on 'prepaid card phone' and accessories. Spending too much on clothes, shoes and phone bills d) _____ (burden) and e) _____ (add) to their parents' expenditure. Third, they should stop the habit of eating outside and eat more home-cooked meals. This f) _____ (keep) them healthy. Male students should stop smoking and the money saved can be g) _____ (use) to buy something more important than a pack of cigarettes.

हिंदी

स्वतंत्रता से बढ़कर कुछ नहीं

1. राम और श्याम के पिताजी क्या करते थे?
2. गाँव में क्या आने से स्थिति बिगड़ गई?
3. श्याम कहाँ जाकर नौकरी करने लगा?
4. श्याम ने क्या पहना हुआ था?
5. राम के मन में शहर जाने की इच्छा क्यों हुई?
6. राम गाँव क्यों लौट आया?

कितनी ज़मीन

1. दीनानाथ किसका पति था?
2. दोनों बहनो को बातें करते देख उसने क्या विचार किया?
3. दीनानाथ का पड़ोसियों से मन-मुटाव क्यों हुआ?
4. अपने घोड़े के लिए दाना लेने आये सौदागर ने दीनानाथ को क्या बताया?

वाच्य

प्र 1 वाच्य का शाब्दिक अर्थ क्या है?

- 1.) पढ़ने का विषय
- 2.) लिखने का विषय
- 3.) बोलने का विषय
- 4.) सुनने का विषय

प्र 2 क्रिया के जिस रूप से यह पता चलता है, क्रिया कर्ता, कर्म या भाव के अनुसार हुई है, उसे कहते हैं।

- 1.) वाच्य
- 2.) भाषा
- 3.) क्रियापद
- 4.) संज्ञा

प्र.) 3 वाच्य के कितने भेद होते हैं?

- 1.) तीन
- 2.) चार
- 3.) पांच
- 4.) छह

प्र.) 4 जिस वाक्य की क्रिया कर्ता के अनुसार होती है उसे कहते हैं।

- 1.) कर्तृवाच्य
- 2.) कर्मवाच्य
- 3.) भाववाच्य
- 4.) कोई भी नहीं

प्र.) 5 कर्तृवाच्य की पहचान किस शब्द से होती है?

- 1.) के
- 2.) से
- 3.) ने
- 4.) द्वारा

प्र.) 6 मां ने बच्चों को खाना खिलाया। उपयुक्त वाक्य में कौन से वाच्य का प्रयोग किया गया है

- 1.) भाववाच्य
- 2.) वाच्य
- 3.) कर्मवाच्य
- 4.) कर्तृवाच्य

प्र.) 7 जिस वाक्य की क्रिया कर्म के अनुसार होती है उसे कहते हैं।

- 1.) भाववाच्य
- 2.) कर्मवाच्य
- 3.) कर्तृवाच्य
- 4.) वाच्य

प्र.) 8 कार्ता के साथ विभक्ति किन शब्दों के द्वारा की जाती है?

- 1.) ने
- 2.) से, के द्वारा
- 3.) के
- 4.) लिए

प्र.) 9 शिक्षकों द्वारा सिखाया जाता है। उपयुक्त वाक्य में कौन से वाच्य का प्रयोग किया गया है?

- 1.) कर्मवाच्य
- 2.) कर्तृवाच्य
- 3.) भाववाच्य
- 4.) कोई भी नहीं

प्र.) 10 जो क्रिया वाक्य के करता या कर्म के अनुसार न होकर भाव के अनुसार होती है उसे कहते हैं।

- 1.) भाववाचक
- 2.) कर्तृवाच्य
- 3.) कर्मवाच्य
- 4.) उपयुक्त सभी

संस्कृत दत्त कार्य

1. विलोम शब्दाः लिखत ।

- | | |
|-----------|-------------|
| (क) नीचैः | (ख) ज्ञानम् |
| (ग) विनयः | (घ) परहस्तः |
| (ङ) गुणः | (च) ज्ञानम् |

2. एकपदेन उत्तरत -

- (क) भृत्यः मुखम् केन लिम्पति ?
- (ख) विद्या किं ददाति ?
- (ग) अस्माकम् रक्षा कदा भवति ?
- (घ) अमित्रस्य किं न भवति ?

3. संख्यावाची शब्दाः लिखत ।

- | | |
|--------|--------|
| (क) 57 | (ख) 42 |
| (ग) 40 | (घ) 48 |
| (ङ) 39 | (च) 49 |

4. रेखाङ्कित आधृत्य प्रश्ननिर्माणं कुरुत ।

(क) परहस्तगतं धनं धनं न भवति ?

(ख) अमित्रस्य सुखं न अस्ति ?

(ग) अलसस्य विद्या न भवति ?

(घ) पात्रत्वात् धनं आप्नोति ?

5. गुरु (उकारान्त पुल्लिङ्ग) शब्द रूपं लिखत ।

6. षड् व्यञ्जनानि नामानि लिखत ।

MATHEMATICS

Q 1. Find the price of an item marked at Rs.1000 on which discount was given 40%.

Q 2. Solve the equation: $2(3 - x) + 7 = 4(x + 2)$

Q 3. Find the probability of getting a number 5 in a single throw of dice.

Q 4. Find the square root of 26569 by division method.

Q 5. Complete the table given that x varies directly as y.

x	15	-----	45	-----
y	10	20	-----	40

Q 6. What is the measure of each exterior angle of a regular polygon of 15 sides?

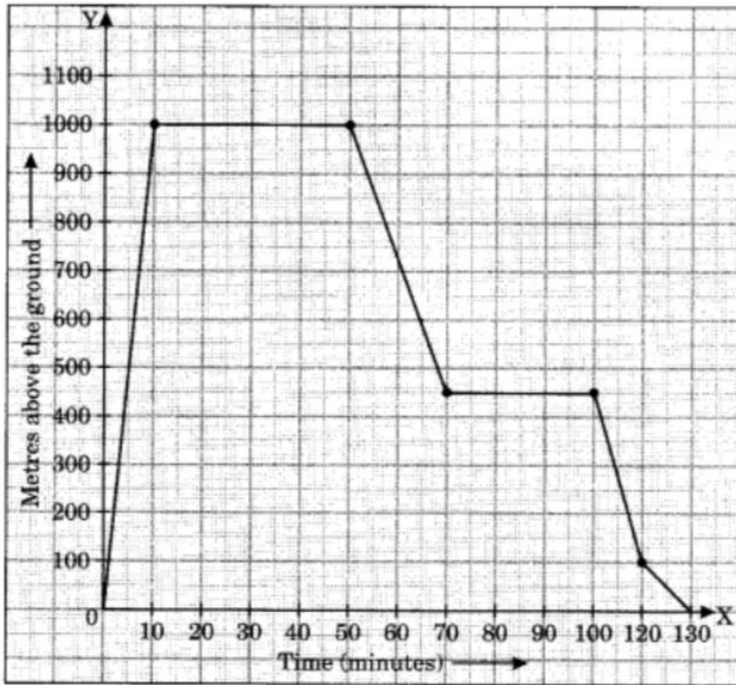
Q 7. The measures of the two adjacent angles of a parallelogram are in the given ratio 1: 2. Find the measure of all the angles of the parallelogram.

Q 8. In a quadrilateral ABCD, $\angle D$ is equal to 60° and $\angle A = \angle B = \angle C$. Find $\angle A$, $\angle B$ and $\angle C$.

Q 9. How many diagonals does a decagon have?

Q 10. How many sides does a regular polygon have, if each of its interior angles is 165° ?

Q 11. Abhishek Banerjee completed his graduation from Acharya Jagadish Chandra Bose College under Calcutta University. He wanted to prepare for CIVIL services at New Delhi. So for taking admission in Delhi University, he went to Delhi by Air. During his journey from Kolkata to Delhi, the height covered by the aeroplane is shown in the given graph.



i) What the maximum height the aeroplane has covered?

450 m. (b) 100 m. (c) 0 m. (d) 1000 m.

ii) What was the average speed of the aeroplane while rising?

100 m/min. (b) 200 m/min. (c) 500 m/min. (d) 1000 m/min.

iii) How long was the plane in level flight?

40 min. (b) 30 min. (c) 70 min. (d) 100 min.

iv) The flight took off at 9.30 a.m. from Kolkata Airport. When did it reach at New Delhi Airport?

v) What are the scales used in x-axis and y-axis respectively?

SCIENCE

Q.1 Label the various zones of candle flame and answer following questions



- i) The hottest part of the flame _____.
- ii) Unburnt wax - vapours are found in which part of the flame _____.

Q.2 Write one word for the following :

- i) The lowest temperature at which a substance catches fire. _____
- ii) Oxides of sulphur and nitrogen are dissolved in rain water, such rain is called _____.
- iii) The amount of heat energy produced on complete combustion of 1 kg. of a fuel _____.

Q.3 Fill in the blanks:

- a) A device which is used to test whether an object is carrying charge or not is known as _____.
- b) The process of transferring of charge from a charged object to the earth is called _____.
- c) _____ is a device used to protect buildings from the effect of lightening.
- d) Negative and positive charges meet, producing streaks of bright light and sound in clouds, this process is called an _____.
- e) The power of an earthquake is expressed in terms of a magnitude on a scale called the _____.

Key words: Richter scale, electroscope, earthing, lightening conductors, Electric discharge

SOCIAL SCIENCE

A. Multiple Choice Questions (MCQ)

1. The term *marginalisation* refers to:
 - a. The process of including people in society.
 - b. Pushing certain groups to the edges of society socially or economically.
 - c. Providing equal opportunities to all.
 - d. Establishing more industries in urban areas.
2. Which of the following is a *tertiary industry*?
 - a. Iron and steel industry
 - b. Textile mills
 - c. Banking services
 - d. Oil refinery

B. Assertion and Reasoning

Assertion (A): Marginalised groups are often denied access to basic rights and resources.

Reason (R): The Constitution of India ensures fundamental rights to all citizens, including provisions to protect marginalised groups.

- a. Both A and R are true, and R is the correct explanation of A.
- b. Both A and R are true, but R is not the correct explanation of A.
- c. A is true, but R is false.
- d. A is false, but R is true.

C. Short Answer Questions

- Q.1. What steps does the Indian Constitution take to protect
- Q.2. Why is the iron and steel industry referred to as the backbone of modern industries?
- Q.3. How does economic exploitation contribute to marginalisation?

INFORMATION TECHNOLOGY (IT)

Section A: Multiple Choice Questions

1. What is the HTML tag used to add an image to a webpage?
 - a) ````
 - b) ``<picture>``
 - c) ``<figure>``
 - d) ``<graphic>``

2. Which attribute is used to specify the source of an image in HTML?
 - a) `src`
 - b) `alt`
 - c) `title`
 - d) `href`

3. What is the HTML tag used to create a link to another webpage or website?
 - a) ``<a>``
 - b) ``<link>``
 - c) ``<anchor>``
 - d) ``<hyperlink>``

4. Which attribute is used to specify the target of a link in HTML?
 - a) `href`
 - b) `title`
 - c) `target`
 - d) `rel`

5. What is the HTML tag used to create a frameset?

- a) ``<frameset>``
- b) ``<frame>``
- c) ``<iframe>``
- d) ``<table>``

Section B: Short Answer Questions

1. What is the difference between the `src` and `alt` attributes in the ``` tag?
2. How do you create a link to an email address in HTML?
3. What is the purpose of the `frameborder` attribute in the ``<frame>` tag?

Section C: Practical Exercise

Create an HTML webpage that includes:

1. An image with a source and alternative text.
2. A link to another webpage or website.
3. A frameset with two frames.

ARTIFICIAL INTELLIGENCE

A. Multiple Choice Questions (MCQ's):

- i. Which of the following is NOT a core role in AI?
 - a) Machine Learning Engineer
 - b) Data Scientist
 - c) Software Tester
 - d) AI Research Scientist
- ii. What is the primary skill required for a successful AI career?
 - a) Strong programming skills
 - b) Domain expertise
 - c) Creativity
 - d) All of the above

iii. Which industry is heavily investing in AI and offers numerous career opportunities?

- a) Healthcare
- b) Finance
- c) Retail
- d) All of the above

iv. What is the term used to describe the ability of AI systems to learn and improve over time?

- a) Automation
- b) Machine Learning
- c) Neural Networks
- d) Big Data

v. Which of the following is a potential ethical concern related to AI in the workplace?

- a) Job displacement
- b) Privacy violations
- c) Bias in algorithms
- d) All of the above

B. Short Answer Questions:

i. What are the key skills required for a machine learning engineer?

ii. How can one break into the field of AI without a formal degree?

iii. What are the potential challenges and opportunities in the field of AI ethics?

iv. How can AI be used to improve the customer experience in retail?

v. What are some emerging trends in AI that will shape future career opportunities?