



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

ENGLISH

Q1. Fill in the blanks with the correct form of the verb.

1. She _____ (study) for two hours.
2. They _____ (play) football before it started raining.
3. By next month, I _____ (work) on this project for six months.
4. We _____ (wait) for the bus since 8 o'clock.
5. The baby _____ (sleep) for an hour before the doctor arrived.
6. By next year, my father _____ (teach) at this school for twenty years.
7. Rohan _____ (practise) the guitar since morning.
8. The workers _____ (repair) the road for three days before the storm began.
9. By 10 p.m., we _____ (travel) for ten hours.
10. The children _____ (watch) television since evening.

Q2. Choose the correct answer.

1. I _____ for this exam since January.
a) have been preparing b) had been preparing c) will have been preparing
2. By the time we reached the station, they _____ for thirty minutes.
a) have been waiting b) had been waiting c) will have been waiting
3. By next December, she _____ in Delhi for five years.
a) has been living b) had been living c) will have been living
4. We _____ here since morning.
a) have been sitting b) had been sitting c) will have been sitting
5. Before the teacher entered, the students _____ quietly for ten minutes.
a) have been reading b) had been reading c) will have been reading

Q3. Identify the tense.

1. She has been dancing since childhood. _____
2. They had been travelling all night before they reached home. _____
3. By next week, I will have been working here for a year. _____
4. We have been cleaning the classroom for an hour. _____
5. The boys had been playing before the rain started. _____

Q4. Rewrite the sentences in the tense given.

1. I study English every day. (Present Perfect Continuous)
2. They work in the garden. (Past Perfect Continuous)
3. She teaches in this school. (Future Perfect Continuous)

4. We wait for the bus. (Present Perfect Continuous)
5. The players practise hard. (Future Perfect Continuous)

Q5. Error Correction.

1. She have been reading for two hours.
2. They had been play since morning.
3. By next year, I will has been living here for ten years.
4. We has been waiting since 9 a.m.
5. He will have been wrote the report for three hours by noon.

हिंदी

I -निम्नलिखित प्रश्नों के उत्तर लिखिए-

1. कवि के अनुसार भारत देश कैसा है?
2. भारत की किन विशेषताओं का वर्णन कविता में है?
3. हम भारत माता की सेवा कैसे कर सकते हैं?
4. "विविधता में एकता" से कवि का क्या तात्पर्य है?
5. जीवन के लिए सबसे जरूरी 2 चीजें कौन-सी हैं?
6. जल प्रदूषण का 1 कारण लिखिए।
7. "जिएँ और जीने दें" का अर्थ क्या है?
8. हमें जल क्यों बचाना चाहिए?

II-लिंग बदलिए-

1. राजा -
2. मोर -
3. अभिनेता -
4. भाई -

III-वचन बदलिए-

1. नदी -
2. बच्चा -
3. फूल -
4. महिला -

IV-कारक पहचानिए-

1. मोहन ने पत्र लिखा।
2. माँ ने बेटे को बुलाया।
3. मैं कलम से लिखता हूँ।
4. यह पुस्तक रिया की है।

V-संज्ञा के प्रकार लिखिए-

1. ईमानदारी -
2. कक्षा -
3. चावल -
4. सुष्मिता सेन -

VI- पाँच संज्ञा शब्द लिखकर उनका लिंग और वचन बदलिए।

संस्कृत

प्रश्न 1. परस्परं मेलयत।

- (क) त्वम् (i) गीतं गायताम्।
(ख) यूयम् (ii) लेखं लिख।
(ग) तौ (iii) पुष्पाणि पश्यत।
(घ) सः (iv) चित्रं रचयतु।

प्रश्न 2. उचित क्रियापदेन रिक्तस्थानानि पूरयत।

- (क) अहं पत्रं _____। (लिख)
(ख) आवाम् भोजनं _____। (खाद्)
(ग) वयं तीव्रं _____। (धाव)
(घ) त्वं गीतं _____। (गा)

प्रश्न 3. लोट् लकारस्य उचितं रूपं लिखत।

- (क) सः दुग्धं _____। (पा)
(ख) ते विद्यालयं _____। (गम्)
(ग) युवाम् पुस्तकं _____। (पठ्)
(घ) त्वं चित्रं _____। (रच)

प्रश्न 4. वाक्यानि संशोधयत।

- (क) त्वं लेखं लिखत।
(ख) ते गीतं गायताम्।
(ग) अहं भोजनं पचतु।
(घ) सः चित्रं रच।

प्रश्न 5. निर्देशानुसार परिवर्तनं कुरुत।

- (क) त्वं विद्यालयं गच्छ। (बहुवचन)
(ख) यूयं गीतं गायत। (एकवचन)
(ग) सः पत्रं लिखतु। (द्विवचन)
(घ) आवाम् भोजनं खादाव। (बहुवचन)

प्रश्न 6. शुद्धम् / अशुद्धम् लिखत।

- (क) यूयं पुष्पाणि पश्यत। _____
(ख) त्वं लेखं लिखत। _____
(ग) ते विद्यालयं गच्छन्तु। _____
(घ) सः चित्रं रचयतु। _____

MATHEMATICS

- Q1. A water tank was **3/4 full** in the morning. During the day, **2/9** of the tank was emptied. Later, **1/6** of the tank was filled again. Find the fraction of water in the tank at the end of the day.
- Q2. A factory doubles its production every year. If it produced **2⁵** toys this year, how many toys will it produce after **3 more years**? Express your answer using exponents.
- Q3. Riya had **7/8** metre of ribbon. She used **1/4** metre to decorate a gift and **1/8** metre for a greeting card. How much ribbon is left?
- Q4. Find the value of $2^3 \times 2^4 \div 2^2$.
- Q5. Express **0.00008** in standard form.
- Q6. The distance between two planets is approximately 8×10^7 and 5×10^7 away from Earth. Which planet is farther from Earth? By how many kilometres?
- Q7. A publisher prints 10^4 books every month. How many books are printed in **12 months**? Express your answer in standard form.
- Q8. Write the number 3,45,00,000 in standard (scientific) form.
- Q9. What is the additive inverse of the rational number $-7/9$?
- Q10. Which of the following rational numbers is greater: $-3/4$ or $-5/6$?
- Q11. What is the product of $-3/5$ and $5/9$?
- Q12. Divide $-2/3$ by $4/9$.

SCIENCE

CH- LIFE PROCESS IN ANIMALS
WORKSHEET NO -8 PG NO-57 TO 64

SOCIAL SCIENCE

Workbook- Exploring Society: India And Beyond

Worksheet 2- QA, QB, QC, QD

Worksheet 6-QA, QB, QC, QE

Artificial Intelligence

Topic: Ethical Considerations in Different Domains of AI

Section A: Multiple Choice Questions (MCQs)

Q1.What does “ethical use of AI” mean?

- a) Using AI quicklyb) Using AI in a fair and responsible way
- c) Using AI only in schoolsd) Using AI without rules

Q2. Which of the following is an ethical concern in AI?

- a) Faster internet speedb) Bias in AI decisions
- c) Bright screen displayd) Loud speakers

Q3. AI systems in hiring processes should avoid:

- a) Helping employersb) Making quick decisions
- c) Discriminating against certain groupsd) Using computers

Q4. In healthcare, AI must protect:

- a) Doctor’s handwritingb) Patient data and privacy
- c) Hospital buildingsd) Medical books

Q5.What is “bias” in AI?

- a) AI working fasterb) AI making unfair or one-sided decisions
- c) AI using more electricityd) AI shutting down

Section B: Short Answer Questions

Q1. What do you understand by AI ethics?

Q2. Give one example of how AI is used in any domain (education, healthcare, or transport).

Q3. Why is privacy important when using AI systems?

Q4. What can happen if AI systems are biased?

Q5. Suggest one way to make AI systems more fair and responsible.

INFORMATION TECHNOLOGY

Section A: Multiple Choice Questions

1. What will be the output?

`print(10 % 3)`

- a) 3b) 1
- c) 0d) 10

2. Which operator checks whether two values are equal?

- a) `=b) ==`
- c) `!=d) >=`

3. Which statement is used when there are multiple conditions?

- a) `whileb) for`
- c) `elifd) break`

4. What is the output?

`x = 8print(x > 5)`

- a) Falseb) True
- c) 8d) Error

5. Which of the following is a logical operator?

- a) `+b) *`
- c) `andd) %`

Section B: Match the Following.

Column A Column B

- | | |
|--------|---------------------|
| 1. > | a. Equal to |
| 2. == | b. Logical operator |
| 3. and | c. Greater than |
| 4. if | d. Decision making |
| 5. % | e. Remainder |

Section C: Predict the Output

1.

a = 12

b = 5

print(a + b)

print(a // b)

2.

x = 15

if x > 10:

 print("Big")

3.

age = 18

if age >= 18:

 print("Eligible")

else:

 print("Not Eligible")

4.

num = 8

if num % 2 == 0:

 print("Even")

else:

 print("Odd")

5.

marks = 65

if marks >= 90:

 print("A")

elif marks >= 75:

 print("B")

elif marks >= 50:

 print("C")

else:

 print("D")

Section D: Find the Error ($2 \times 2 = 4$)

1.

age = 12

if age > 10

print("Student")

Write the correct code.

2.

num = 5

if num = 5:

 print("Correct")

Write the correct code.

Section E: Write Python Programs

1. Write a Python program to check whether a number is positive or negative.

2. Write a Python program to check whether a number is even or odd.