



ANANDALAYA
PERIODIC TEST – 1
Class : VII

Subject: Mathematics
Date : 14/07/2023

M.M: 30
Time: 1 hour 30 mins

General Instructions:

- i) All questions are compulsory.
- ii) This question paper contains 16 questions.
- iii) Questions 1 – 6 in Section A are very short- answer type questions carrying 1 mark each.
- iv) Questions 7 – 13 in Section B are short-answer type questions carrying 2 marks each.
- v) Questions 14 – 15 in Section C are short -answer type questions carrying 3 marks each.
- vi) Question 16 in Section D is long-answer type question carrying 4 marks.

SECTION - A

1. Find the product: $(-11) \times (-8) \times (10) \times (-1)$. (1)
2. Write the given numbers in ascending order: 12 ; -6 ; 4 ; -1 (1)
3. Solve the following: (1)
$$[(-36) \div 12] \div [(-2) + 1]$$
4. Choose the improper fractions out of the given fractions: $\frac{14}{3}$; $\frac{5}{7}$; $\frac{7}{4}$; $\frac{1}{2}$ (1)
5. What is the reciprocal of $1\frac{2}{3}$? (1)
6. Write the standard form of $\frac{18}{36}$? (1)

SECTION - B

7. Arrange the given fractions in descending order: $\frac{5}{6}$; $\frac{1}{2}$; $\frac{4}{5}$; $\frac{3}{4}$ (2)
8. Verify that : $(-30) \times [13 + (-3)] = [(-30) \times 13] + [(-30) \times (-3)]$ (2)
9. The sum of 2 integers is 49. If one integer is - 25. Find the other. (2)
10. Find the product of: $(4\frac{2}{5} \times 1\frac{2}{3})$ and express the answer as a mixed number. (2)
11. Write a pair of negative integers whose difference is (- 3). Solve and show the difference. (2)
12. Choose the correct answer: (2)
 - (a) Which of the following statement is true?
 - (i) $7 \div 0 = 7$
 - (ii) $7 \div 0 = 0$
 - (iii) $7 \div 0 = 0 \div 7$
 - (iv) $0 \div 7 = 0$
 - (b) Which of the following statement is not true?
 - (i) $0 \div 3 = 0 \div 7$
 - (ii) $-25 \div 5 = -5$
 - (iii) $15 \div 0 = 15$
 - (iv) $8 \div 1 = 8$

13. The food we eat remains in the stomach for a maximum of 4 hours. For what fraction of a day does it remain there? (2)

SECTION - C

14. (a) Renu makes a cup of coffee with $\frac{2}{3}$ of a sachet of sugar. How many sachets will she require to make $\frac{9}{2}$ cups of coffee? (3)

(b) Represent pictorially: $2 \times \frac{2}{5}$

15. A class test containing 15 questions was conducted. 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer. (3)

(i) Shelly attempts all questions but only 9 of her answers are correct. What is her total score?

(ii) Her friend Riju got only 5 correct answers. What will be her score?

SECTION - D

16. Answer the questions: (4)

(a) Mr. Patel walks $3\frac{2}{5}$ km in 1 hour. How much distance will he walk in $2\frac{1}{2}$ hr?

(b) 84 m long ribbon is cut into equal pieces, each of length $5\frac{1}{4}$ m. How many pieces are obtained?