

DELHI PUBLIC SCHOOL JAMMU
SESSION 2024-25
ASSIGNMENT-I

Class: VII
Subject: MATHS

Max. Marks: 20

Q1. The greatest negative integer is (1)

- (a) 0 (b) -2
(c) -1 (d) None of these

Q2. Find the value of $|-9| - |-5| + |-6| - |3|$ (1)

- (a) 7 (b) 0
(c) 23 (d) 10

Q3. Assertion and Reason Based Questions (1)

A statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct option.

Assertion (A): $\frac{1}{4} \times \frac{3}{5} = \frac{3}{20}$, then $\frac{3}{20} < \frac{1}{4}$ and $\frac{3}{20} < \frac{3}{5}$

Reason (R): When two Proper fractions are multiplied, the value of their product is less than each of the two fractions.

- (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of assertion (A).
(b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).
(c) Assertion (A) is true but Reason (R) is false.
(d) Assertion (A) is false but Reason (R) is true.

Q4. Find the perimeter of a square field whose side is $5\frac{1}{4}$ m long. (2)

Q5. Evaluate using suitable property: $26 \times (-48) + (-48) \times (-36)$ (2)

Q6. Verify $(-30) \times [13 + (-3)] = [(-30) \times 13] + [(-30) \times (-3)]$ (3)

Q7. Vinay covers $7\frac{1}{2}$ km in one hour. What is the distance that he will cover in $2\frac{4}{5}$ hours. (3)

Q8. Write four pairs of integers (a, b) such that $a \div b = (-3)$. One such pair is (6, -2) because $6 \div (-2) = (-3)$. (3)

Q9. In a class test containing 15 questions, 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer.

- (i) Gurpreet attempts all questions but only 9 of her answers are correct. What is her total score?
(ii) One of her friends gets only 5 answers correct. What will be her score? (4)