ANGEL'SPUBLIC SCHOOL

SAMPLE PAPER
PERIODIC TEST – I   SESSION 2021 – 22
CLASS – VII

TIME: 1.5 HRS   SUBJECT: MATHEMATICS   M.M:50

General Instructions

(a) Question paper is divided into 4 sections A,B,C and D.
(b) Section A comprises 5 questions of 1 mark each.
(c) Section B comprises 5 questions of 2 marks each.
(d) Section C comprises 6 questions of 3 marks each. Attempt any 5.
(e) Section D comprises 6 questions of 4 marks each. Attempt any 5.

SECTION – A

1. A number 3 less than –2 is_____.

(a) –1   (b) 1   (c) –5

2. Which of the following pairs of integers has a sum –5?

(a) 1, – 4   (b) – 3, – 2   (c) 5, 0

3. Which of the following statements is true?

(a) $7 \div 0 = 7$ (b) $7 \div 0 = 0$ (c) $0 \div 7 = 0$

4. Which of following is a proper fraction?

(a) $\frac{7}{5}$ (b) $\frac{3}{2}$ (c) $\frac{4}{7}$

5. The value of $26.3 \div 1000$ is _____.

(a) 2.63   (b) 0.0263   (c) 26300

SECTION – B

6. Verify a – (– b) = a + b, for the following values of a and b, Where a = 21 and

b = 14 For any integer a, what is –1 x a equal to?

7. Use the sign of >, <, = in the blank to make the statement true.

–231 + 79 + 51 ___ –399 + 159 + 81

8. Find the product of 9 x(– 3) x (– 6).

9. Find the product using a suitable property (–17) x (–19).

SECTION – C (ATTEMPT ANY FIVE)

10. Verify 14 x [8 +(–3)] =[14x8]+ [14x(–3)]

11. A plane is flying at the height of 5000 m above the sea level. At a particular point, it

is exactly above a submarine floating 1200m below the sea level. What is the vertical distance between them?

12. Arrange in the ascending order $\frac{5}{6}, \frac{4}{9}, \frac{7}{3}$

13. Ramesh solved $\frac{2}{7}$ part of an exercise while Seema solved $\frac{4}{5}$ of it. Who solved a lesser part?

14. Find the product using distributive property : 625 x (– 35) + (– 625) x 65.

15. A certain freezing process requires that room temperature be lowered from 40^0C at the rate of 5^0C every hour. What will be the room temperature 10 hours after the process begins?

SECTION – D (ATTEMPT ANY FIVE)

16. Write down a pair of integers whose :

(a) sum is –3   (b) difference is –5   (c) difference is 2   (d) sum is 0

17. Find the following.

(a) 7÷3.5   (b) 36 ÷0.2   (c) 36.8 x 10   (d) 0.5 x 100

18. (a) Express 8 cm in metre and kilometer.

(b) Express 25 mm in cm and metre.

19. Saila plants 4 saplings, in a row, in her garden. The distance between two adjacent saplings is $\frac{3}{4}$ m. Find the distance between the first and the last sapling.

20. Ritu ate $\frac{3}{5}$ part of an apple and the remaining apple was eaten by her brother Somu. How much part of apple did Somu eat? Who had the larger share? By how much?

21. A vehicle covers a distance of 43.2 Km in 2.4 Litres of petrol, how much distance will it covers in 1 litre of petrol?