THE VILLAGE INTERNATIONAL SCHOOL
"We Nurture Dreams"

Date: /07/22 GRADE: VII	CPE – 01 (2022-23) MATHEMATICS	Max marks: 20 Time: 1 Hour

Instructions:

1) **Questions 1 to 10 carries 1 mark each.**
2) **Questions 11 and 12 carries 2 marks each.**
3) **Questions 13 and 14 carries 3 marks each.**

SL. NO.	QUESTIONS	MARKS
1	Which property is reflected in the following: 7 X -5 = -5 X 7? (a) Closure (b) Commutative (c) Associative (d) Distributive	1
2	If we multiply $\frac{2}{7}$ with 0, we get (a) $\frac{2}{7}$ (b) 0 (c) Not possible (d) None of the above	1
3	Which of the following is true? (a) 5 ÷ 7 = 7 ÷ 5 (b) 0 ÷ 3 = 0 ÷ 5 (c) 2 x (3 -1) = 2 x 3 - 2 x 1 (d) 4 ÷ 1 = 1 ÷ 4	1
4	$5\frac{3}{4}$ in improper form will be (a) $\frac{27}{4}$ (b) $\frac{15}{5}$ (c) $\frac{23}{4}$ (d) $\frac{23}{3}$	1

5	Which number is multiplicative identity for the integers? (a) 0 (b) 1 (c) 2 (d) 3	**1**
6	Of the following which is the collection of like fractions? (a) $\frac{2}{9}$, $\frac{2}{11}$, $\frac{2}{13}$ (b) $\frac{2}{13}$, $\frac{3}{13}$, $\frac{5}{13}$ (c) $\frac{1}{13}$, $\frac{1}{17}$, $\frac{1}{23}$ (d) None of these	**1**
7	On dividing a negative integer by another negative integer, the quotient will be (a) Always negative (b) Always positive (c) Either positive or negative (d) 1	**1**
8	15 divided by -3 is equal to (a) 12 (b)–12 (c)–5 (d) 5	**1**
9	Product of two negative integers is always (a) Always negative (b) Always positive (c) Either positive or negative (d) 0	**1**
10	–8 x 10 x 9 is equal to (a) 27 (b) -27 (c) -720 (d) 720	**1**
11	Simplify: a) 12 x (8 + 3) b) 45 ÷ 5 – 13	**2**

12	Multiply, reduce and express as a mixed number $4\frac{\mathbf{1}}{\mathbf{2}}$ x $1\frac{\mathbf{1}}{\mathbf{27}}$	**2**
13	State the sign of the following questions and also find the value of each. a) (-12) x 5 x (-10) b) (- 150) ÷ (-30) c) Largest negative integer multiplied to the largest positive two-digit number.	**3**
14	Simplify and find the following: a) $8\frac{1}{3}$ x $\frac{18}{25}$ x $\frac{3}{24}$ b) 16 x $\frac{3}{4}$ x $\frac{2}{9}$	**3**