



GRADE: IV Date:29/07/2024	CPE - 1 (2024-25) MATHEMATICS	Marks: 20 Time: 1 hours
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Name:

Class & Section:

Q.No.	Questions	Mark
SECTION A		
I	Choose the correct option.	
1.	In $\frac{1}{4}$ of 12, the word of means : a) Addition b) Multiplication c) Division d) Subtraction	1
2.	Which of these is commutative property of addition ? a) $21 + 7 = 7 + 21$ b) $56 - 67$ is an integer c) $1 + [2 + (-3)] = (1 + 2) + (-3)$ d) $5 \times 0 = 0 \times 5 = 0$	1
3.	The reciprocal of $\frac{6}{7}$ is : a) $\frac{6}{7}$ b) $\frac{7}{6}$ c) $\frac{1}{7}$ d) $\frac{1}{6}$	1
4.	Find the value of $\frac{5}{3}$ of 15. a) 5 b) 3 c) 15 d) 25	1

5.	Identify the number to be multiplied with 30 to get -90. a) 3 b) 30 c) -3 d) -30	1
II	Fill in the correct option.	
6.	$(-12+5)+-6 = -12+(5+-6)$.	1
7.	$\frac{1}{5} \times \frac{4}{5} = \frac{4}{25}$.	1
8.	$-25 \div -1 = -25$	1
III	State whether the following statements are true or false.	
9.	$6 \times -4 + 14 = 10$. false	1
10.	Zero divided by any integer gives the same integer. False	1
	SECTION B	
	Answer the following questions	
11.	Calculate and give the answer in simplest form. a) $\frac{1}{10} \div \frac{4}{5} = \frac{1}{8}$ b) $3\frac{2}{3} \times 18 = \frac{11}{3} \times 18$ $= 11 \times 6 = 66$	2
12.	Use distributive law to solve the following. $45 \times 27 + 45 \times 73 = 45 \times (27 + 73)$ $= 45 \times 100 = 4500$	2
13.	Simplify using suitable properties. $[-62 + 11] + (-11) = -62 + [-11+11]$ associative property $= -62 + 0 = -62$	2
14.	Find. a) $\frac{1}{4} \div \left[\frac{1}{7} \times \frac{14}{18} \right] = \frac{1}{4} \times 9 = \frac{9}{4}$	2
15.	100 students took up an online examination. Only $\frac{3}{5}$ of them passed the exam. Calculate the number of students who failed in the exam. Number of students passed the exam $= \frac{3}{5} \times 100 = 60$. Number of students failed the exam $= \frac{2}{5}$ of 60 $= \frac{2}{5} \times 60 = 24$	2