



GRADE: VII Date: 08/01/2024	CPE 2 (2023-24) Mathematics	Marks: 20 Time: 50 Minutes
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Name:

Class & Section:

Q. No.	Questions	Mark
SECTION A		
1	The type of triangle with sides 3cm, 2cm, and 3cm is a) equilateral triangle b) scalene triangle c) isosceles triangle d) None of these	1
2	The type of triangle with angles 30° , 40° , and 110° is a) acute angled triangle b) obtuse-angled triangle c) right triangle d) None of these	1
3	If the two angles of a triangle are 30° and 60° . Find the third angle. a) 0° b) 60° c) 90° d) None of these	1
4	Two figures are congruent if they have the same ____ a) shape b) size c) shape and size d) shape or size	1
5	Two circles are congruent if they have the same ____ a) shape b) center c) radius d) None of these	1
6	In two congruent triangles, which of the following can be different? (a) areas (b) orientations (c) lengths of respective sides (d) measures of respective angles	1

7	Which among the following is not a congruence criterion for Triangles? a) ASA b) SSS c)SAS d) AAA	1
8	$\frac{1}{2} =$ a) 50% b) 75% c) 25% 100%	1
9	0.75 = a) 50% b) 75% c) 25% 100%	1
10	45%= a) $\frac{15}{29}$ b) $\frac{9}{20}$ c) $\frac{19}{20}$ d) $\frac{15}{28}$	1
SECTION B		
11	In a triangle PQR, $\angle P = 30^\circ, \angle Q = 45^\circ$, Find $\angle R$. What kind of triangle is it?	2
12	Can we make a triangle with sides 1m, 2m, and 3m? Why or why not?	2
13	If 9 m of hose pipe costs 360, how much will 12 m of hose pipe cost?	2
14	An old study table was bought for ₹1500. Some repairs were done for ₹375. The study table was then sold for ₹2500. Find the profit or loss.	2
15	If 35% of 300 apples are spoilt. Find the number of good ones	2