



**LONG ANSWER TYPE- 3 QUESTIONS. (4 Marks each)**

<b>Q.13</b>	Evaluate $\sqrt[3]{27} + \sqrt[3]{0.008} + \sqrt[3]{0.064}$
<b>Q14.</b>	Find the smallest number by which 120393 is divided so that the quotient is a perfect cube. Also find the cube root of the quotient.
<b>Q15.</b>	Three numbers are in the ratio 2:3:5. Sum of their cubes is 54880. Find the numbers (HOTS)

**ANSWERS**

<b>Q1.</b>	Yes	<b>Q2.</b>	41	<b>Q3.</b>	25
<b>Q4.</b>	D	<b>Q5.</b>	a) 3    b) 4	<b>Q6.</b>	$\frac{1000}{27}$
<b>Q7.</b>	28	<b>Q8.</b>	13 m	<b>Q9.</b>	$\frac{9}{12}$
<b>Q10.</b>	3	<b>Q11.</b>	5, 70	<b>Q12.</b>	9
<b>Q13.</b>	3.6	<b>Q14.</b>	13, 21	<b>Q15.</b>	14, 21, 35