BCM SCHOOL, BASANT AVENUE,DUGRI ROAD, LUDHIANA

ANSWER KEY MATHS ASSIGNMENT-2 (MAY 2023-24)

CLASS – VIII

TOPICS – CUBES AND CUBE ROOTS

DIRECT AND INVERSE PROPORTION

1. B) 0.216
2. B) 0.3
3. B) 300 km
4. A) Both A and R are true and R is correct explanation of A
5. Cube Root of 0.729 = 0.9
6. Let the numbers be 2x, 3x and 4x

   $8x^3+27x^3+64x^3= 12375$

   On solving ,x= 5

   Numbers are 2(5), 3(5) ,4(5) i.e. 10,15,20

7.

No. of students	100	80
No. of days	120	x

It is a case of inverse proportion

On solving, no.of days = 150

8. i) 16 km/ hr

   ii) 4 km

   iii) 45 km/hr