CUBES AND CUBE ROOTS

CUBES & SOME INTERESTING PATTERN

EXERCISE

Q.1 Find the value of $\sqrt{117+\sqrt[3]{19683}}$.

Q.2 Which of the following are perfect cube ?

(i) 10 (ii) 100 (iii) 1000

(iv) 10^4 (v) 10^5 (vi) 10^6

Q.3 Find the value of $\dfrac{(2)^3+(10)^3}{\sqrt{1016064}}$

Q.4 Find the cube root of the following numbers by inspection.

(i) 12167 (ii) 46.656 (iii) 6859

(iv) 912673 (v) 29791

ANSWER KEY

1. $\sqrt{117+27} = 12$

2. (iii), (vi)

3. 1

4. (i) 23 (ii) 3.6 (iii) 19

(iv) 97 (v) 31