

C CUBE COACHING CLASS ,TAGORE NAGAR BHOPAL

CLASS- 9th

SUBJECT- MATHS CLASS TEST

Time allowed: 75 Mins

M.Marks: 30

- **Have a great paper, ALL THE BEST.**

Que 1 – Find the Value of $0.22 + 0.23$. 01

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Que 2 – Express 1.246 in the form of p/q . 02 Marks

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Que 3 - Express $\sqrt{6.8}$ cm on the number line. 02 Marks

Que 4 – Find 5 Rational Numbers Between $5/7$ and $9/11$. 02 Marks

Que 5 – If $\sqrt{3}-1/\sqrt{3}+1 = a-b\sqrt{3}$, Find the Value of a and b . 03 Marks

Que 6 – Find 3 irrational Numbers Between $1/7$ and $4/7$. 03 Marks .

Que 7 – Express $\sqrt{3}$ on the number line and write its justifications. 03 Marks.

Que 8 – If $2^{x-1} + 2^{x+1} = 640$, then Find the Value of x . 3 Marks .

Que 9 – Find the Value of $1/\sqrt{2}+1 + 1/\sqrt{3}+ \sqrt{2} + 1/2+\sqrt{3}$. 3 Marks .

Que10 – Simplify :- 04 Marks .

$$\frac{16 \times 2^{n+1} - 4 \times 2^n}{16 \times 2^{n+2} - 2 \times 2^{n+2}}$$

Que11 – If $x = 2 - \sqrt{3}$ then Find the Value of $x^2 + 1/x^2$ and $x^2 - 1/x^2$. 4 Marks .