



spardhaguru2022



Spardhaguru Current affairs



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1) The value of $\sqrt{72 + \sqrt{72 + \sqrt{72 + \dots}}}$ is :

- a) 18 b) 8
c) 12 d) 9

2) If $m = \sqrt{5 + \sqrt{5 + \sqrt{5 + \dots}}}$ and

$n = \sqrt{5 - \sqrt{5 - \sqrt{5 - \dots}}}$, then among the following the relation between m and n holds is ?

- a) $m + n + 1 = 0$ b) $m + n - 1 = 0$
c) $m - n - 1 = 0$ d) $m - n + 1 = 0$

3) $\sqrt{3 \sqrt{3 \sqrt{3 \dots}}}$ is equal to :

- a) $2\sqrt{3}$ b) 3
c) $3\sqrt{3}$ d) $\sqrt{3}$

4) Find the value of

$$\sqrt{10 + \sqrt{25 + \sqrt{108 + \sqrt{154 + \sqrt{225}}}}}$$

- a) 8 b) 10
c) 4 d) 6

5) $\sqrt{6 + \sqrt{6 + \sqrt{6 + \dots}}}$ is equal to :

- a) 5 b) 4
c) 6 d) 3

6) $\sqrt{1 + \sqrt{1 + \sqrt{1 + \dots}}}$

- a) Lies between 1 and 2
b) Lies between 0 and 1
c) Is greater than 2
d) Equals 1

7) $\sqrt{12 + \sqrt{12 + \sqrt{12 + \dots}}}$ is equal to :

- a) 6 b) 4
c) 2 d) 3

8)
$$\frac{10 + \sqrt{25 + \sqrt{108 + \sqrt{154 + \sqrt{225}}}}}{\sqrt[3]{8}} = ?$$

- a) 8 b) 2
c) $\frac{1}{2}$ d) 4

9) The value of $\sqrt{2^3 \sqrt{4 \sqrt{2^3 \sqrt{4 \sqrt{2^3 \sqrt{4 \dots}}}}}}$ is :

- a) 2^3 b) 2^2
c) 2^5 d) 2

10) $\sqrt{2 + \sqrt{2 + \sqrt{2 + \dots}}}$ is equal to

- a) 2 b) $2\sqrt{2}$
c) 3 d) $\sqrt{2}$

