



spardhaguru2022



Spardhaguru Current affairs



Spardhaguru1



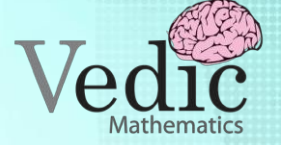
SpardhaGuru



Spardha.guru



www.spardha.guru



1) If  $\sqrt{3} = 1.732$ , then what is the value of  $\frac{4+3\sqrt{3}}{\sqrt{7+4\sqrt{3}}}$

up to three places of decimal?

- a) 3.023                      b) 2.464  
c) 0.023                      d) 0.464

2) Given that  $\sqrt{5} = 2.236$  and  $\sqrt{3} = 1.732$ , then the value of  $\frac{1}{\sqrt{5}+\sqrt{3}}$  is:

- a) 0.372                      b) 0.362  
c) 0.504                      d) 0.252

3) Given that  $\sqrt{2} = 1.414$ ; the value of  $\frac{1}{\sqrt{2}+1}$  is:

- a) 5.414                      b) 3.414  
c) 0.414                      d) 2.414

4) If  $\sqrt{2} = 1.4142$ , find the value of  $2\sqrt{2} + \sqrt{2} + \frac{1}{2+\sqrt{2}} + \frac{1}{\sqrt{2}-2}$

- a) 2.4142                      b) 28.284  
c) 1.4144                      d) 2.8284

5) Given that  $\sqrt{3} = 1.732$ , the value of  $\frac{3+\sqrt{6}}{5\sqrt{3}-2\sqrt{12}-\sqrt{32}+\sqrt{50}}$  is:

- a) 1.732                      b) 1.414  
c) 4.899                      d) 2.551

6) If  $\sqrt{33} = 5.745$ , then the value of  $\sqrt{\frac{3}{11}}$  is

approximately

- a) 2.035                      b) 6.32  
c) 1                              d) 0.5223

7) If  $\sqrt{5} = 2.236$ , then what is the value of  $\frac{\sqrt{5}}{2} + \frac{5}{3\sqrt{5}} - \sqrt{45}$ ?

- a) -6.261                      b) -2.987  
c) -8.571                      d) -4.845

8) If  $\sqrt{3} = 1.732$ , then the value of  $\frac{9+2\sqrt{3}}{\sqrt{3}}$  is:

- a) 7.296                      b) 5.198  
c) 7.169                      d) 7.196

9) Evaluate :  $16\sqrt{\frac{3}{4}} - 9\sqrt{\frac{4}{3}}$  if  $\sqrt{12} = 3.46$

- a) 24.22                      b) 13.84  
c) 3.46                        d) 10.38

10) Given  $\sqrt{2} = 1.414$ . The value of  $\sqrt{8} + 2\sqrt{32} - 3\sqrt{128} + 4\sqrt{50}$  is:

- a) 8.876                      b) 8.426  
c) 8.484                      d) 8.526

11) Given that  $\sqrt{5} = 2.24$ , then the value of  $\frac{3\sqrt{5}}{2\sqrt{5}-0.48}$  is:

- a) 168                        b) 16.8  
c) 0.168                      d) 1.68

12) If  $\sqrt{5} = 3.88$ , then what is the value of  $\sqrt{\frac{5}{3}}$

- a) 1.295                      b) 1.29  
c) 1.293                      d) 1.2934

13) If  $\sqrt{3} = 1.732$  is given, then the value of  $\frac{2+\sqrt{3}}{2-\sqrt{3}}$  is:

- a) 13.925                      b) 12.925  
c) 11.732                      d) 13.928

14) If  $\sqrt{7} = 2.646$ , then the value of  $\frac{1}{\sqrt{28}}$  up to three places of decimal is:

- a) 0.189                      b) 0.187  
c) 0.183                      d) 0.185

15) If  $\sqrt{5329} = 73$ , then the value of  $\sqrt{5329} + \sqrt{53.29} + \sqrt{0.5329} + \sqrt{0.005329} + \sqrt{0.00005329}$  is:

- a) 81.1013                      b) 81.1103  
c) 81.1003                      d) 81.0113





spardhaguru2022



Spardhaguru Current affairs



Spardhaguru1



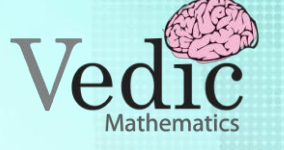
SpardhaGuru



Spardha.guru



www.spardha.guru



**Spardhaguru**  
Spardhaguru India Private Limited

