

10. $\sqrt{\frac{2704}{81}} = ?$

- A) 5.7 B) $5.\bar{7}$ C) 5.8 D) $5.\bar{8}$

11. Find the cube of 35?

35 - ன் கனம் என்ன?

- A) 42875 B) 41258 C) 45155 D) 42785

12. Find the cube root of 9261?

9261 - ன் கனமூலம் என்ன?

- A) 21 B) 31 C) 41 D) 81

13. Find the value of $\sqrt[3]{\frac{0.000729}{0.085184}}$.

$\sqrt[3]{\frac{0.000729}{0.085184}}$ - ன் மதிப்பு என்ன?

- A) 9/44 B) 3/22 C) 5/44 D) 7/44

14. Find the cube root (– 17576)

(– 17576) - ன் கனமூலம் என்ன?

- A) -26 B) -28 C) 27 D) -29

15. $\sqrt[3]{17.576} \times 15 = ?$

- A) 39 B) 36 C) 47 D) 43

16. $\sqrt{6 + \sqrt{6 + \sqrt{6 + \dots \dots \infty}}} = ?$

- A) 2 B) 3 C) 4 D) 6

17. $\sqrt{42 - \sqrt{42 - \sqrt{42 - \dots \dots \infty}}} = ?$

- A) 7 B) 6 C) 7.5 D) 8

18. $\sqrt{17 + \sqrt{17 + \sqrt{17 + \dots \dots \infty}}} = ?$

- A) $\frac{\sqrt{69}+1}{2}$ B) $\frac{\sqrt{9}+3}{2}$ C) $\frac{\sqrt{96}+1}{2}$ D) $\frac{\sqrt{60}+1}{6}$

19. $\sqrt{13 - \sqrt{13 - \sqrt{13 - \dots \dots \infty}}} = ?$

- A) $\frac{\sqrt{91}-1}{2}$ B) $\frac{\sqrt{53}-1}{2}$ C) $\frac{\sqrt{56}+1}{2}$ D) $\frac{\sqrt{54}-1}{6}$

ASTROS IAS ACADEMY – Square, Cube & Roots

20. $\sqrt{6 + \sqrt{6 - \sqrt{6 + \sqrt{6 - \sqrt{6 + \dots \dots \dots \infty}}}}} = ?$

- A) $\frac{\sqrt{21}+1}{2}$ B) $\frac{\sqrt{19}+3}{2}$ C) $\frac{\sqrt{16}-1}{2}$ D) $\frac{\sqrt{60}}{6}$

21. $\sqrt{11 - \sqrt{11 + \sqrt{11 - \sqrt{11 + \sqrt{11 - \dots \dots \dots \infty}}}}} = ?$

- A) $\frac{\sqrt{11}-1}{2}$ B) $\frac{\sqrt{11}+3}{2}$ C) $\frac{\sqrt{41}-1}{2}$ D) $\frac{\sqrt{26}-1}{2}$

22. $\sqrt{7 \sqrt{7 \sqrt{7 \dots \dots \dots \infty}}} = ?$

- A) 7 B) 8 C) 49 D) 6.9

23. $\sqrt{7 \sqrt{7 \sqrt{7}}} = ?$

- A) $7^{7/8}$ B) $8^{7/8}$ C) $7^{1/2}$ D) $7^{3/5}$

ASTROS IAS ACADEMY ANSWER KEY

QUES	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ANS	A	B	D	B	C	A	A	A	D	B	A	A	A	A	A	B	B	A	B	A
QUES	21	22	23																	
ANS	C	A	A																	

all the best