

Quantitative Test for HEC HAT 4 Biological, Medical Sciences

Sr	Questions	Answers Choice
1	$7/3 \div 35/18 \div 54/20 = ?$	A. 49/4 B. 4/9 C. 4/63 D. 81/35
2	$1/2 \text{ of } 44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
3	$12\% \text{ of } x = 360$	A. 250 B. 100 C. 400 D. 3000
4	$Z + 1/Z = 2 ; Z = ?$	A. 2 B. 1 C. 1/2 D. 1 1/2
5	$? \times 12 = 75\% \text{ of } 336$	A. 48 B. 252 C. 28 D. 21
6	$(580 \times 12) - (645 \times 5) / 50 \times 10 = ?$	A. 7.47 B. 3725 C. 74.7 D. 4450
7	$1764 \div 17.64 / 0.5$	A. 100 B. 20 C. 0.2 D. 200
8	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
9	$(160 - 130)(270 - 240) / 2250 \div 50 = ?$	A. 4/3 B. 2/3 C. 45 D. 20
10	$(60)^2 = ? \times 72$	A. 3600 B. 3528 C. 0.02 D. 50
11	$5/3 + 7/6 + 9/3 + 7/2 = ?$	A. 28/3 B. 112/3 C. 28/12 D. 14/7
12	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
13	$3/4 \text{ of } 432 = ?$	A. 340 B. 232 C. 324 D. 316
14	$350 - -96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
15	$9218 - 3546 + 2354 = ?$	A. 8026 B. 8116 C. 10410 D. 23174

- 16 $816 - 288 \div 24 = ?$ A. 22
B. 828
C. 528
D. 804
- 17 $\sqrt{256} \div \sqrt{64} = ?$ A. 1/4
B. 26/8
C. 16
D. 4
- 18 $2.08 - (0.5)^2 = ?$ A. -1.20
B. 1.88
C. 1.83
D. 2.16
- 19 $x^2 = 1681, x=?$ A. 31
B. 41
C. 51
D. 61
- 20 $1250 \div 25 \times 0.5 = ?$ A. 25
B. 50
C. 2.5
D. 100
- 21 Change $27/7$ to a mixed number. A. $6\frac{1}{3}$
B. $7\frac{1}{2}$
C. $3\frac{6}{7}$
D. $2\frac{1}{7}$
- 22 A 4 cm cube is cut into 1 cm cubes. What is the percentage increase in the surface area after such cutting ? A. 4%
B. 300%
C. 75%
D. 400%
- 23 If the sum of the interior angles of a regular polygon measures up to 1440 degrees, how many sides does the polygon have ? A. 10 sides
B. 8 sides
C. 12 sides
D. 9 sides
- 24 If the area of two circles are in the ratio 169 : 196 then ratio of their radii is A. 13 : 11
B. 10 : 13
C. 14 : 13
D. 13 : 14
- 25 Question Image A. 50 m
B. 64 m
C. 72 m
D. 84 m
- 26 Question Image A. 24
B. $12\sqrt{2}$
C. $16\sqrt{2}$
D. 48
- 27 Question Image A. 30
B. 39
C. 80
D. 78
- 28 Question Image A. 5
B. 10
C. 110
D. 125
- 29 Question Image A. 55
B. 70
C. 110
D. 125
- 30 Question Image A. 40
B. 50
C. 90
D. 130