

Quantitative Test for HEC HAT 1 Engineering & IT

Sr	Questions	Answers Choice
1	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
2	$(60)^2 = ? \times 72$	A. 3600 B. 3528 C. 0.02 D. 50
3	If $(36)(?)(7) = 21$, then ? equals	A. $21/43$ B. $1/42$ C. $1/12$ D. $1/11$
4	If $(p-3)(p+4) > (p-3)(p+8)$, what is the best description of p?	A. $p=3$ B. $-8 < p < -5$ C. $p = \{ \}$ D. $p < 3$
5	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
6	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
7	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
8	$1\frac{3}{4} - 1\frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $\frac{13}{20}$
9	$7/3 \div 35/18 \div 54/20 = ?$	A. $49/4$ B. $4/9$ C. $4/63$ D. $81/35$
10	$\sqrt{256} \div \sqrt{64} = ?$	A. $1/4$ B. $26/8$ C. 16 D. 4
11	If you have 50 green, 50 orange, and 50 yellow jelly beans, how many bags can you fill for Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans ?	A. 12 B. 13 C. 16 D. 17
12	Question Image	A. 40 B. 50 C. 120 D. 130
13	If Myra had bowling scores of $b + 6$, $b - 2$, $b + 4$, and $b - 5$, what must she score in the next game to get an overall average of $b + 2$?	A. $b + 7$ B. $b - 3$ C. $b + 3$ D. $b - 7$
14	If it takes 10 minutes to walk $\frac{3}{4}$ mile, how many minutes will it take to walk the rest of the mile?	A. $2\frac{1}{3}$ B. $13\frac{1}{3}$ C. $4\frac{2}{7}$ D. 30
15	Question Image	A. 780 B. 585 C. 1170 D. 540

16	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase?	A. 25% B. 50% C. 15% D. 20%
17	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
18	Question Image 	A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48
19	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
20	How many tens are equal to the number whose hundreds, tens, and units digits are a,b,c, respectively?	A. b B. $a+1/10b+1/100c$ C. $10a+b+c$ D. $10a+b+c/10$