

## Quantitative Test for HEC HAT 2 Management Sciences and Business Education

Sr	Questions	Answers Choice
1	A man has Rs.2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
2	In a school there are 400 students , of whom 70% are boys. What is the number of girls?	A. 130 B. 200 C. 280 D. 2800
3	If $abc = 2$ and $a = c$ then $b =$	A. $a^{2\sqrt{2}}$ B. $1/2a$ C. $2/a^{2\sqrt{2}}$ D. $2-a^{2\sqrt{2}}$
4	A rectangular lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk.	A. 1600 B. 5250 C. 5500 D. 6100
5	In Myra had bowling scores of $b+6$ , $b-2$ , $b+4$ , and $b-5$ . what must she score in the next game to get overall average of $b+2$ ?	A. $b+7$ B. $b-3$ C. $b+3$ D. $b-7$
6	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
7	David receives his allowance on Sunday. He spends $1/4$ of his allowance on Monday and $2/3$ of the remainder on Tuesday. What part of his allowance is left for the rest of the week ?	A. $2/3$ B. $4/5$ C. $6/7$ D. $1/4$
8	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank ?	A. 300 B. 750 C. $250 \frac{3}{4}$ D. $333 \frac{1}{3}$
9	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
10	How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c, respectively ?	A. b C. $10a+b+c$
11	Question Image <input type="text"/>	A. 40 B. 50 C. 90 D. 130
12	Question Image <input type="text"/>	A. 50 m B. 64 m C. 72 m D. 84 m
13	$2244 - 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
14	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
15	A man has Rs. 2000, and spends 18% of it. What money has he left now ?	A. 3600 B. 820 C. 1640 D. 4000

16	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	B. 11 C. 12 D. 8
17	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
18	The average of x, y, z and 40 is 10. What is the average of x, y, and Z.	A. 10 B. 0 C. 2 D. 15
19	When $3x^2+5x+7$ is subtracted from $x^2+8x+3$ the result is?	A. $5x^2-3x+4$ B. $3x-2x^2-4$ C. $x^2+8x+10$ D. $11x^2+3x+10$
20	Change $4\frac{4}{2}$ to an improper fraction:	A. $\frac{14}{3}$ B. $\frac{11}{3}$ C. $\frac{24}{3}$ D. $\frac{10}{3}$