

Quantitative Test for HEC HAT 3 Arts & Humanities, Social Sciences

Sr	Questions	Answers Choice
1	The death rates for three diseases are : Disease R 2 People out of 10,000 Disease S 13 People out of 1,000,000 Disease T 9 People out of 100,000 Disease R 2 People out of 10,000 What is the combined death rate for the three diseases?	A. 123 out of 1,000,000 B. 42 out of 10,000 C. 42 out of 1000,000 D. 303 out of 1,000,000
2	$7/3 \div 35/18 \div 54/20 = ?$	A. 49/4 B. 4/9 C. 4/63 D. 81/35
3	If $x + 2y = 11$ and $x + y = 10$ the value of y is:	A. 1 B. 2 C. 3 D. 4
4	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
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	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence ?	A. 20 B. 400 C. 2000 D. 1000
7	A man opens a bookstall with a capital of Rs.25000. In three months his capital amounts to rupees 27500. What is the increase percent?	A. 1% B. 10% C. 20% D. 7%
8	A clerk filed 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday and 66 on Friday. What was the average number of forms filed per day ?	A. 50 B. 95 C. 84 D. 74
9	Question Image	A. 55 B. 70 C. 110 D. 125
10	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
11	Find the sum of money, 11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
12	Question Image	A. 30 B. 39 C. 80 D. 78
13	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
14	The average height of five men is 68 inches. If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is	A. 68 B. 69 C. 70 D. 71
15	Question Image	A. a-180 B. 2a-180 C. 180-2a D. 180-2a

16	A team played 30 games of which it won 24. What part of the games played did it close ?	A. $\frac{1}{5}$ B. $\frac{5}{6}$ C. $\frac{6}{5}$ D. 5
17	$\sqrt{169}/196 \times 14/\sqrt{1521} = ?$	A. $\frac{13}{42}$ B. $\frac{1}{13}$ C. $\frac{42}{5}$ D. $\frac{1}{42}$
18	If $abc = 2$ and $a = c$ then $b =$	A. $a^{²}$ B. $\frac{1}{2a}$ C. $\frac{2}{a^{²}}$ D. $2-a^{²}$
19	A clerk filled 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday and 66 on Friday. What was the average number of forms filled per day?	A. 50 B. 95 C. 84 D. 74
20	A man spent 10% of his money. After spending 60% of the remainder he has Rs. 72 left. How much had he in the start ?	A. 10 B. 100 C. 200 D. 400