

Quantitative Test for HEC HAT 1 Engineering & IT

Sr	Questions	Answers Choice
1	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her answer was 13 1/5, what should be the correct answer to the example?	A. 2 8/11 B. 5/66 C. 2 1/5 D. 11/30
2	Question Image	A. b-180 B. b-90 C. 180-a/2 D. 180-a
3	Mr. Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60 ?	A. 120 B. 60 C. 100 D. 70
4	Four people are asked to stand in a straight line. In how many different orders can they line up?	A. 12 B. 16 C. 24 D. 6
5	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
6	If 7 apples cost y cents, how many apples will x dollars buy ?	A. x/7y B. 7x/y C. 7x/100y D. 700x/y
7	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
8	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
9	The value of x^2 + 5x +6 at x=2 is:	A. 10 B. 14 C. 18 D. 20
10	How many cents will r books cost if t books cost m dollars?	
11	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. How much time in minutes is needed to fill the tank if both the pipes are working together?	A. 90 B. 90 C. 60 D. 30
12	$x^2 = 1681, x=?$	A. 31 B. 41 C. 51 D. 61
13	1/2 of 44÷ 2.2 =?	A. 20 B. 22 C. 44 D. 100
14	Find the ratio of 18 inches to 2 yards.	A. 3/4 B. 1/4 C. 1/5 D. 2/5
15	1250÷ 25 x 0.5 = ?	A. 25 B. 50 C. 2.5

		D. 100
16	A rectangle is 16 cm long and 10 cm wide. If the length is reduced by k cm and its width is increased also by k cm so as to make it a square then its area changes by	A. 169 B. 256 C. 100 D. 9 E. None of the above
17	11/3 + 8/3 + 17/3	A. 14 B. 12 C. 11 D. 15
18	A team played 30 games of which it won 24. What part of the games played did it close?	A. 1/5 B. 5/6 C. 6/5 D. 5
19	Question Image	A. 30 B. 39 C. 80 D. 78
20	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000