

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.	A. 2 8/11 B. 5/66
	If her answer was 13 1/5, what should be the correct answer to the example?	C. 2 1/5 D. 11/30 A. 2
2	Z + 1/Z =2 ; Z =?	B. 1 C. 1/2 D. 1 1/2
3	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
4	A man has Rs.2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
5	If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
6	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
7	Find the sum of money,11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
8	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
_		A. 55 B. 70
9	Question Image	C. 110 D. 125
10	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
11	A man opens a bookstall with a capital of Rs. 25000. In three month his capital amounts to rupees 27500. What is the increase percent ?	A. 1% B. 10% C. 20% D. 7%
12	If $x=7y+3$ and $z=49y^2$ then what is 'z' in terms of x?	A. X2 B. x ² -3 C. (x-3) ² /7 D. None
13	If abc= 2 and a = c then b =	A. a ² B. 1/2a C. 2/a ² D. 2-a ²
14	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
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

6	If a^2 - b^2 =36 and a-b =12 then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. 3/2
7	t is an integer greater than 5. The expression that must represent an odd integer is	A. t(t+1) B. 3t-1 C. t ² D. 2t-3
8	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
9	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. 50 C. 60 D. 30
0	? x 12 = 75% of 336	A. 48 B. 252 C. 28 D. 21