

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

Sr	Questions	Answers Choice
1	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her anser 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	The average height of five men is 68 inches. If one man is 70 inches tall and three other have an average of 67 inches, the height of the fifth amn, in inches, is:	A. 68 B. 69 C. 70 D. 71
3	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%
4	If the sum of the interior angles of a regular polygon measures up to 1440 degrees, how many sides does the polygon have ?	A. 10 sides B. 8 sides C. 12 sides D. 9 sides
5	If 3x+5y=10 and 3y+5x=30 then average if 'x' and 'y' is?	A. 3/2 B. 4 C. 5/2 D. 7/2
6	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
7	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
8	$\sqrt{?}/16 = 0.5$	A. 8 B. 12 C. 32 D. 64
9	Question Image	A. 40 B. 50 C. 120 D. 130
10	If (36)(?)(7)=21, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
11	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
12	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
13	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
14	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
15	An angle is $30^{\rm O}$ more than one-half its complement. Find the angle.	A. 20 <sup>o</sup> B. 30 <sup>o</sup> C. 50 <sup>o</sup>

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Find the value of x if $3 : b = x : c$ .	
If $(p-3) (p+4) > (p-3)(p+8)$ , what is the best description of p?	A. p=3 B8 <p<-5 C. p={ } D. p&lt;3</p<-5 
1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
A motion was passed by a vote of 5 : 3. what part of the votes cast was is favor of the motion?	A. 3/5 B. 5/8 C. 3/8 D. 5/3

A. 22 B. 828 C. 528 D. 804

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816 - 288÷ 24 =?