

Quantitative Test for HEC HAT 4 Biological, Medical Sciences

Sr	Questions	Answers Choice
1	If $4x-y=13$ and $3x-2y=7$ then what is the average of 'x' and 'y'?	A. 4 B. 3 C. 2 D. 6
2	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
3	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
4	Dave is twice as old as Bob, who is 3 years older than steve. If Steve is 4a years old, Dave's age is:	A. 8a B. 22a C. 14a D. $8a+6$
5	Question Image	A. 20 B. 25 C. 40 D. 50
6	Question Image	A. 4π B. 18π C. 28π D. 32π
7	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
8	$\sqrt{169}/196 \times 14/\sqrt{1521}=?$	A. 13/42 B. 1/13 C. 42/5 D. 1/42
9	$x\sqrt{0.09} = 3: x=?$	A. 10 B. 1/3 C. 1/10 D. 1
10	$(580 \times 12) - (645 \times 5) / 50 \times 10 = ?$	A. 7.47 B. 3725 C. 74.7 D. 4450
11	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
12	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
13	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
14	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%
15	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

16	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
17	Question Image	A. 30 B. 39 C. 80 D. 78
18	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 $\frac{3}{5}$ D. 333 $\frac{1}{3}$
19	? x 12 = 75% of 336	A. 48 B. 252 C. 28 D. 21
20	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase?	A. 25% B. 50% C. 15% D. 20%