

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

Sr	Questions	Answers Choice
1	Question Image	A. 4π B. 18π C. 28π D. 32π
2	When $3x^2+5x+7$ is subtracted from $x^2+8x+3$ the result is?	A. 5x <sup>2</sup> -3x+4 B. 3x-2x <sup>2</sup> -4 C. x <sup>2</sup> +8x+10 D. 11x <sup>2</sup> +3x+10
3	5/3 + 7/6 +9/3 +7/2 =?	A. 28/3 B. 112/3 C. 28/12 D. 14/7
4	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
5	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
6	19 x 11 +18 x 6 / 24x3 - 62	A. 20.7 B. 21 7/8 C. 1.47 D. 31.7
7	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
8	0.007÷√0.000049	A. 1 B. 0.0049 C. 2 D. 7
9	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
10	The average height of a class of 14 boys is 5.3 feet. A new boy admitted to the class, the new average of height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
11	√256÷√64=?	A. 1/4 B. 26/8 C. 16 D. 4
12	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
13	If a train travels 5/6 miles in 1 1/4 minutes, how many miles will it travel in 1 hour?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
14	Question Image	A. b B. b-180 C. 90-b D. 180-b
15	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days?	A. 576/x B. 48/5x C. 24/x D. 576/5x

16	In a school there are 400 students , of whom 70% are boys. What is the number of girls?	A. 130 B. 200 C. 280 D. 2800
17	Question Image	A. 30 B. 39 C. 80 D. 78
18	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
19	If (36)(?)(7)=21, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
20	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%