

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

Sr	Questions	Answers Choice
1	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
2	If the ratio of $x : y$ is $9 : 7$, then $x+y$ is	A. 16 B. 2 C. 1 D. None
3	$Ay-b=c$, dy what is 'y' in terms of 'a', 'b' and 'c'?	A. $(c+b) / (a+d)$ B. $(c-b) / (a+d)$ C. $(c-b) / (a+d)$ D. $(c+b) / (a-d)$
4	$1\frac{3}{4} - 1\frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. 13/20
5	Question Image <input type="text"/>	A. $b-180$ B. $b-90$ C. $180-a/2$ D. $180-a$
6	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. $8a+6$
7	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
8	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours ?	A. 8000 B. 9000 C. 300 D. 900
9	Find the value of x if $3 : b = x : c$.	
10	12 is $\frac{3}{4}$ of what number ?	A. 20 B. 24 C. 16 D. 8
11	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make ?	A. $25\frac{3}{5}$ B. $5\frac{3}{5}$ C. 20 D. 128
12	Question Image <input type="text"/>	A. 55 B. 70 C. 110 D. 125
13	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours?	A. 8000 B. 9000 C. 300 D. 900
14	A man has Rs. 2000, and spends 18% of it. What money has he left now ?	A. 3600 B. 820 C. 1640 D. 4000
15	$\sqrt{256} \div \sqrt{64} = ?$	A. $\frac{1}{4}$ B. $\frac{26}{8}$ C. 16 D. 4
16	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

-
- 17 One-sixth of a day is what part of the time between 3 p.m. Monday and 3 a.m. Thursday of the same week?
- A. $\frac{1}{10}$
B. $\frac{1}{18}$
C. $\frac{1}{15}$
D. $\frac{1}{12}$
-
- 18 What is the sum of money, 6% of which is 18 dollars?
- A. 600
B. 200
C. 300
D. 20
-
- 19 If $abc = 2$ and $a = c$ then $b =$
- A. a^2
B. $\frac{1}{2a}$
C. $\frac{2}{a^2}$
D. $2a^2$
-
- 20 Which of the following is the sum of two consecutive prime numbers ?
- A. 66
B. 52
C. 41
D. 29
-