

GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	If x is a positive number, then 50 percent $10x$ equals	A. $2x$ B. $4x$ C. $20x$ D. $5x$
2	The average of a, b, s , and t is 6 and the average of s and t is 3. What is the average of a and b ?	A. 3 B. 18 C. 9 D. 12
3	Which of the following operations has same effect as multiplying by 0.5?	A. Multiplying by $\frac{1}{2}$ B. Multiplying by 2 C. Dividing by $\frac{1}{2}$ D. Dividing by 3
4	If $x = yz$, which of the following must be equal to xy ?	A. yx B. $yz^{\sup{2}}$ C. $y^{\sup{2}}$ D. x/y
5	A class of 30 girls and 40 boys sponsored a mango party. If 60 percent of the girls and 25 percent of the boys went on the party, what percent of the class went on the party?	A. 30% B. 35% C. 50% D. 40%
6	The number p is 4 more than 3 times the number r . The sum of p and r is 10. Which of the following pairs of equations could be used to find the values of p and r ?	A. $p = 3r + 4$ B. $p = 3r + 4$ C. $p = 3(r + 4)$ D. $p + 4 = 3r$
7	In a screening process of 5600 candidates, 20% of the candidates were disqualified in the first test. In the second test 40% of the first test qualifiers were disqualified. How many candidates qualified the test?	A. 2688 B. 1344 C. 3600 D. 5000
8	How many polythene bags, each holding 8 ounces, are needed to hold 3 quarter of vegetable oil?	A. 8 B. 12 C. 14 D. 16
9	The Positive difference between k and $\frac{1}{8}$ is same as the positive difference between $\frac{1}{2}$ and $\frac{1}{3}$. Which of the following could be the value of k ?	A. $\frac{1}{7}$ B. $\frac{7}{24}$ C. $\frac{23}{24}$ D. $\frac{1}{6}$
10	A total of 60 drawing note books were sold. If 20 percent of the first 20 sold were in color, 40 percent of the next 30 sold were in color, and 80 percent of the last 10 sold were in color, what percent of the 60 note books were in color?	A. 30% B. 40% C. 60% D. 20%
11	If r, s and t are integers greater than 1, where $rs = 15$ and $st = 33$, which of the following must be true?	A. $t \> r \> s$ B. $s \> t \> r$ C. $r \> t \> s$ D. $s \> r \> t$
12	If $P^2 + 5 = 22$, then $P^2 - 5 =$	A. 12 B. 17 C. 39 D. 144
13	An oil burner in a housing development burns 76 gallons of fuel oil per hour. At 9 A.M on a very cold day, the superintendent asks the housing manager to put in an emergency order for more fuel oil. At that time, he reports that he has on hand 266 gallons. At noon, he again comes to the manager, notifying him that no oil has been delivered. The maximum amount of time that he can continue to furnish heat without receiving more oil is	A. $\frac{1}{2}$ hr B. 1 hr C. $1\frac{1}{2}$ hr D. 2 hr
14	Yesterday Sagher earned Rs. 100 less than Bilal, and today Sagher earned Rs.75 more than Bilal. Which of the following must be true about Sagher's total earnings for the two days compared to Bilal's?	A. Sagher earned $\frac{3}{4}$ of what Bilal earned B. Sagher earned \$17.50 more than Bilal C. Sagher earned \$2.50 more than Bilal D. Sagher earned \$25 less than Bilal

15	A and B do a job together in two hours. Working alone A does the job in 5 hours. How long will it take B to do the job alone?	A. 2 hrs B. 3 hrs C. 1 hrs D. 3 1/3 hrs
16	If it takes 4 days for 3 machines to do a certain job, how many days are required to complete the job by two machines?	A. 6 days B. 2 days C. 5 days D. 3 days
17	If $x/y = -1$, then $x + y =$	A. 0 B. 1 C. y D. 2x
18	Multan traffic authority requires that an applicant for a driver's license answer at least 80 percent of the questions on a written test correctly. If the test has 60 questions on it, at least how many of these questions must be answered correctly.	A. 20 B. 44 C. 46 D. 48
19	If $x/9 = 2/3$, then $x =$	A. 8/3 B. 6 C. 3 D. 27/2
20	A businessperson started a business with a capital of Rs. 80,000. His first year accumulated profit was 10% and second year profit was 20%. What was the total amount after second year?	A. 105600 B. 201200 C. 50,000 D. 100050