GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	If P is a negative integer and p^2+ 11p =t, a value of t could be	A. 12 B. 18 C. -18 D. 11
2	The average height of five men is 68 inches.If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is	A. 68 B. 69 C. 70 D. 71
3	Subhanis twice as old as Bukhari, who is 3 years oldder than Shakir. If Shakir is 4a years old, Subhan's age is	A. 8a B. 22a C. 14a D. 8a + 6
4	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
5	The death rates for three diseases are Disease R 2 people out of 10,000 Disease S 13 people out of 1,000,000 Disease T 9 people out of 100,000 What is the combined death rate for the three diseases?	A. 123 out of 1,000,000 B. 42 out of 10,000 C. 42 out of 1000,000 D. 303 out of 1,000,000
6	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. 90000 C. 300 D. 900
7	How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c respectively?	A. b B. a+1/10 b + 1/100 c C. 10a + b + c D. 10a+b+c/10
8	If (36)(?)(7) - 21 then? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
9	In solving an arithmetic example, Lubna, 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
10	If (p - 3)(p + 5) > (p - 3)(p + 8), what is the best description of p?	A. p = 3 B. -8 < p < -5 C. p = { } D. p < 3
11	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
12	How many integers between 28 and 98 are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
13	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
14	If Myra had bowling scores of b + 6, b - 2, b + 4, and b - 5, what must she score in the next game to get an overall average of b + 2?	A. b + 7 B. b - 3 C. b + 3 D. b - 7
15	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52

	Which of the following is the sum of two consecutive prime numbers?	C. 41 D. 29
16	t is an integer greater than 5. The expression that must represent an odd integer is	A. t(t + 1) B. 3t - 1 C. t² D. 2t - 3
17	IF you have 50 green, 50 orange, and 50 yellow jelly beans, how many bags can you fill Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans?	A. 12 B. 13 C. 16 D. 17
18	One sixth of a day is what part of the time between 3 p.m. Monday and 3 p.m Thursday of the same week?	A. 1/10 B. 1/18 C. 1/15 D. 1/12
19	Two trains start simultaneously towards each other from two points A and B separated by a distance of 1200 miles.Train leaving A moves at an average speed of 80 miles per hour while train leaving B moves at an average speed of 120 miles per hour. After how much time will both trains meet and what distance would be covered by the train leaving A by then?	A. 15 hours, 1200 miles B. 10 hours, 800 miles C. 6 hours, 480 miles D. 12 hours, 960 miles
20	In his wardrobe, Tahir has 3 trousers.One of them is black, the second blue, and the third brown. In his wardrobe, he also has 4 shirts. One of them is black and other 3 are white. He open his wardrobe in the dark and picks out one shirt - trouser pair, without examining the color. What is the likelihood that neither the shirt the trouser is black?	A. 1/12 B. 1/6 C. 1/4 D. 1/3 E. 1/2