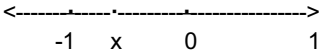


GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	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
2	<p>Direction: In the following type of question, each consists of two quantities, one in column A and one in column B. You must compare two quantities and on the answer sheet fill in.</p> <p>A. If the quantity in column A is greater. B. If the quantity in column B is greater. C. If the two quantities are equal. D. If the relationship cannot be determined from the information given.</p> <p>Notes: Sometimes, in certain question, information concerning one or both the quantities to be compared is centered above the two columns. A symbol that in both columns represents the same thing in column A as it does in column B.</p> <p>Column A 4x Column B x⁴</p> 	A. A B. B C. C D. D
3	If $p^2 - q^2 = 48$ and $p - q = 12$, what is the average of p and q ?	A. 4 B. 6 C. 2 D. 12
4	Of the following, which value of x produces the greatest value of f(x)?	A. -2 B. -1 C. 1 D. 2 E. 3
5	Question Image	A. 125 sq.cm B. 150.72 sq.cm C. 64 sq.cm D. 56 sq.cm
6	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
7	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
8	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. $10a + b + c/10$
9	The least number which when divided by 12, 15 and 18 leaves 5 as remainder in each case is:	A. 180 B. 175 C. 185 D. 125
10	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
11	If a circle is inscribed in a square of area 4, then the area of the circle is:	A. π B. $\pi/2$ C. $\pi/4$ D. $\pi/8$

		D. $3\pi/4$
12	13 Years ago Shabbir mother was 7 times as old as he was. She is now 48 years old. How many years old is Shabbir now ?	A. 28 B. 18 C. 38 D. 20
13	What percent of $1/2$ is $5/4$?	A. 2.5 B. 1.5 C. 250 D. 150
14	How many different 4 person teams can be made from a group of 9 players?	A. 3,024 B. 1,512 C. 378 D. 254 E. 126
15	In an vitro study, 160 white cats were injected with saltx. 160 other white cats were injected with placebo. In two weeks, 39% of the white cats, who were injected with SaltX showed symptoms of Kay fever? Hence, it can be concluded that Kay fever is caused by some elements similar to the elements in SaltX.Q:Which of the following would most strengthen the argument above?	A. Some of the elements in SaltX are extracted from the root of a certain polsonous herb of Hunzaroot of a certain poisonous herb of Hunza B. The blood test of the victims of Kay fever revealed the presence of a toxic element in their blood, normally found in salt X C. Almost all the white cats died within two days after the first symptom appeared D. Normally the rate of Kay fever among white cats is less than 0.01% E. Within two weeks, about 40% of the white cats, who were injected with placebo, also contracted Kay fever
16	Question Image	A. 22.9π B. 22.4π C. 60π D. 62.3π
17	Question Image	A. 20 B. $17 \frac{1}{2}$ C. 35 D. $12 \frac{1}{2}$
18	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
19	A number whose fifth part increased by 5 is equal to its fourth part diminished by 5, is:	A. 160 B. 180 C. 200 D. 220
20	Ahmed has a rectangular garden measuring 4.32m by 3.36m. He wants to divide it into square plots of equal size. What is largest sized square the can use?	A. 0.24 B. $\sqrt{3}$ C. 0.48m D. 0.16