GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	My neighbor's dogs bark and howl every time their owner lets them outside. My CPA told me that dogs tend to bark and howl when they see birds resting in the top branches of their favorite trees. I personally believe they bark and howl because they enjoy disrupting my meditations. Q:Which of the following conclusions can be properly drawn from the preceding passage?	A. The dogs must be abused by their owners B. There are many pedestrians who walk by this neighbor's house, and the dogs are starving for attention C. The dogs frequently see birds In the tops of their favorite trees D. The dogs will bark and howl at 3 a.m. if they are outside at that time
2	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. 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. 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. **Column A** The average of 2/5 and 2/7 **Column B** 24/35	A. A B. B C. C D. D
3	Ayesha completed questions 4 - 18 of a mathematics exercise in 30 minutes. At this rate, how long, in minutes, will it take her to complete questions 27 - 55 ?	A. 59 B. 29 C. 30 D. 58
4	If the sum of one third of a number and twice the same number is 28, the number is:	A. 10 B. 12 C. 28 D. 14
5	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. 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. 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. **Column A** x **Column B** $(11/13)^5$ $x^5 = 11/13$	A. A B. B C. C D. D
6	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
7	If A(-2, 3) and B(5, -1) are the endpoints of one side of a square ABCD, what is the area of the square ?	A. 20 B. 65 C. 30

		D. 35
8	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. 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. 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. **Column A** a **Column B** b (82a = 43b)	A. A B. B C. C D. D
9	A German class has 12 boys and 18 girls. What is the fraction of the class boys ?	A. 1/6 B. 3/5 C. 2/3 D. 4/15
10	More sports journals are sold in Horn by than in Milston. Therefore, the residents of Horn by are better informed about major sporting events than are the residents or Milston. Q:Each of the following, if true, weakens the cor clu,on above EXCEPT:	A. Horn by has a larger population than Milston B. Most residents of Milston work in Horn by and buy their reading material there C. The average newsstand price of journals sold in Horn D. None of these
11	A rectangular is 16 cm long and 10 cm wide.If the length is reduced by k cm and its width is increased also by k cm so as to make it a square then its area changes by:	A. 169 B. 256 C. 100 D. 9 E. None of the above
12	Harper's Pencils manufactures and sells the same pencils as Johnson's Supply. Employee wages account for forty percent of the cost of manufacturing pencils at both factories. Harper's is seeking a competitive edge over Johnson's supply. Therefore, to promote this end, Harper's should lower employee wages. Q:Which of the following, if true, seriously weakens the argument above?	A. Because they make a small number of specialty artist's pencils, pencil manufacturers cannot receive volume discounts on raw materials B. Lowering wages would reduce the quality of employee work and this reduced quality would leadto lowered sales C. Harper's Pencils has taken away twenty percent of Johnson's Supply business over the last year D. Johnson's Supply pays its employees, on average, ten percent more than does Harper's Pencils
13	Question Image	A. 125 sq.cm B. 150.72 sq.cm C. 64 sq.cm D. 56 sq.cm
14	A famous painter has recently won a lawsuit against a major food manufacturer for commissioning a graphic designer to design the packaging of its chocolate chip cookies in the painter's distinctive style. As a result of the lawsuit, manufacturers will stop asking graphic artists to copy distinctive painting styles. Therefore, the cost of package design will rise because employing the services of known artists cost more than those of graphic designer that imitate their style. Q:The conclusion above is based on which of the following assumptions?	A. Most people are unable to distinguish a famous artist's illustration from that of a good graphic artist imitating the painter's style B. Manufacturers will use well-known painting styles in their packaging C. The original version of some well-knows paintings are unavailable for use in packaging D. Manufacturers will continue to use graphic artists to imitate the artistic style of famous painters
15	If 20*x* + 20y = 70, what is the average of *x* and *y* ?	A. 7/2 B. 7 C. 7/4 D. 4/7
16	Question Image	A. 50 B. 20 C. 35 D. 10

17	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. 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. 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. **Column A** The average (arithmetic mean) of 3,4 and 5 **Column B** The average (arithmetic mean) of 2,3,7 and 8	A. A B. B C. C D. D
18	If $x > y$, then $(x - y)(x + y)$ is :	A. equal to (x-y) (x-y) B. less than (x-y (x-y) C. greater than (x-y) (x-y) D. options A and C
19	Question Image	A. 256 B. 64π C. 256π D. 64(4 - π)
20	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. 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. 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. **Column A** The average (arithmetic mean) of 2x and 2y **Column B** 180^o	A. A B. B C. C D. D