

## GAT-A Business and Engineering Quantitative

Sr	Questions	Answers Choice
Ol	QUOUNTIE	
1	Find the value of x if $3:b=x:c$ .	A. 3b/c B. c/3b C. 2c/3b D. 3c/b
	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.	
	<ul><li>A.If the quantity in column A is greater.</li><li>B.If the quantity in column B is greater.</li><li>C.If the two quantities are equal.</li><li>D.If the relationship cannot be determined from the information given.</li></ul>	
2	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.	A. A B. B C. C D. D
	Column A x <sup>4</sup> x <sup>5</sup> Column B	
	$(x^3)^2$	
	(x>0)	
3	What is the area of the triangle AEC, in the above figure 1?	A. 12 B. 49 C. 14 D. 21
4	If $3x + 17 = 9 - x$ , what is the value of $x$ ?	A. 2 B. 3 C2 D3
5	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
6	What is the least of three consecutive integers whose sum is 18?	A. 2 B. 3 C. 4 D. 5
7	Uzma is 15 years old. Asma is one third older then Uzma. How many years ago when Asma was twice as old as Uzma is ?	A. 5 B. 12 C. 15 D. 10
	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.	
8	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.	A. A B. B C. C D. D
	Column A	5.0

Column B

	x ≠ y	
9	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.	A. A B. B C. C D. D
	The average of the old integers from 1 to 100. <b>Column B</b> The average of the even integers from 1 to 100.	
10	My neighbor's dogs bark and how every time their owner lets them outside. My CPA told me that dogs tend to bark and how when they see birds resting in the top branches of their favorite trees. I personally believe they bark and how 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
11	If $3x + 9 = 18$ , what is the value of $x + 3$ ?	A. 3 B. 6 C3 D. 36
12	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  y/x  Column B  x/y - 1  x = 2y	A. A. B. B. C. C. D. D. D.
13	Excavations on the now uninhabited isle of Kelton reveal a scene typical of towns decimated by volcanic ash. Archaeologists have hypothesized that the destruction was due to volcanic activity known to have occurred in the vicinity of the island in 160 B. C. Q:Which of the following, if true, most strongly supports the archaeologist's' hypothesis?	A. No coins minted after 160 B.C. were found in Kelton, but coins minted before that year were found in abundance  B. Pieces of gold and pearl jewelry that are often found in graves dating from years preceding and following 160 B.C. were also found in several graves on the island. C. <div>Most modern histories of the region mention that several major volcanoes eruptions occurred near the island in 160 B.C</div>
		D. <div>Several small jugs carved in styles popular in the region in the century between 200 B.C. and 100 B.C. were found in Kelton</div>

x > 1

15	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?	earned B. Sagher earned \$17.50 more than Bilal C. Sagher earned \$2.50 more than Bilal D. Sagher earned \$25 less than Bilal
16	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
17	What is the smallest number which when subtracted form 1.00060219 gives a perfect square number ?	A. 0.00210 B. 210 C. 0.00000210 D. 0.210
18	Question Image	A. 20 B. 40 C. 60 D. 30
19	In a psychological experiment conducted at South Bay University, groups of men with various levels of education read stories in which people caused harm, some of them doing so intentionally, and some accidentally. When asked about appropriate penalizationfor those who had caused harm, the less educated men, unlike the educated ones, assigned punishments that did not vary according to whether the harm was done intentionally or accidentally. Uneducated men, then, do not regard people's intentions as relevant to penalization.  Q:Which of the following, if true, would most seriously weaken the conclusion above?	A. In these stories, the severity of the harm produced was clearly stated B. In interpreting these stories, the listeners had to draw on a relatively feminine sense of human psychology in order to tell whether harm was produced intentionally or accidentally C. Relatively uneducated men are as likely to produce harm unintentionally as are more educated men D. The more educated men assigned penalization in a way that closely resembled the way women had assign penalization in a similar experiment
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 pq Column B 1 $(p+q=1)$	A. A B. B C. C D. D