

## **GAT-A Business and Engineering Quantitative**

Sr	Questions	Answers Choice
		A. 400
1	Question Image	B. 375
		C. 600 D. 800
	If Dabeer is 1/3rd the age of his father Agha Jameel now, and was 1/4th the age of his father	A. 20 B. 45
2	5 years ago, how old will his father 5 years ago, how old will his father Agha Jameel be 5	C. 40
	years from now?	D. 50 E. 15
_		A. 144 B. 169
3	Question Image	C. 100
		D. 64
		A. 81 + 81 √3
4	Question Image	B. $18 + 18$ $\sqrt{3}$ C. $12(1 + 2\sqrt{3})$
		D. $12 + 12\sqrt{3}$
		A. 2
5	If $3x + 17 = 9 - x$ , what is the value of x?	B. 3
J	II JA · 17 - J - A, WHAL IS THE VALUE OF A:	C2 D3
		A. 7/12 B. 7/24
6	What fraction is exactly midway between 1/3 and 1/4?	C. 29/11
		D. 1/2
		A. 4
7	Question Image	B. 4.5
		C. 6 D. 1.5
		A avaggarates the H same B
		A. exaggerates the H & Depresentative's claims in order to
		make them appear absurd B. accuses the H & Damp; B
	Reporter: H & B Co. has misled its clients by promoting some Egyptian porcelain figurines as rare; in fact those pieces are relatively commonplaceH & B Representative: That is absurd! H	Representative of bias but presents
0	& B is the largest antique dealer in the country. We authenticate the figurines we sell through	no evidence to support that
8	a nationally recognized firm.  O:The H & B Representative's reply is most vulperable to the criticism that it	accusation C. fails to establish that other antique
	Q:The H & B Representative's reply is most vulnerable to the criticism that it.	dealers do not also authenticate the
		figurines those dealers sell D. lists strengths of H & D. While
		failing to address the
		representative's charge
		A. Funding through the
		environmental Super Fund to clean up poorly run waste dumps is
		reserved for rural areas only
		B. Until chemical dumps are proven 100% safe, it would be imprudent to
	The tanneries claim that chemical waste dumps pose no threat to people living near them. If	locate them were they could
	this is true, then why do they locate the plants in sparsely populated regions? By not locating the chemical dumps in densely populated areas the tanneries tacitly admits that these	potentially do the most harm. C. Locating the dumps in sparsely
9	chemicals are potentially dangerous to the people living nearby.	populated areas is less expensive
	Q:Which of the following, if true, would most weaken the author's argument?	and involves less government red
		tape D. The potential for chemicals to
		leach into the water table has in the
		past been underestimated  E. People in cities are more likely to
		site the industry if their health is
		harmed by the drumps
		A. The taxpayers pay for prenatal
		care of all immigrants
	As any economist knows, healthy people pose less of an economic burden to society than	B. Pregnant women who do not

As any economist knows, healthy people pose less of an economic burden to society than unhealthy people. Not ,surprisingly, then, every rupee our government spends prenatal care for undocumented immigrants will save taxpayers of this country three rupees.

Q:Which of the following, if true, would best explain why the statistics cited above are

receive prenatal care are more likely to experience health problems than other pregnant women

A 25 25 3 8 36.5 C 42.5		not surprising?	C. Benefits for prenatal care serve to promote undocumented immigration D. Babies whose mothers did not receive prenatal care are just as healthy as other babies
A circle whose center is at (3, 4) passes through the origin. Which of the following points is C(0,0) C(7,0) C(7,0) C(7,0) C(1,0) C(7,0) C(1,0) C(7,0) C(1,0) C(1,0	11	Question Image	B. 36.5 C. 42.5
13   (a + b)(a - b) =	12		B. (-1, 1) C. (0, 0)
## 15 is subtracted from a certain number, the result is 7 less than twice the number. What is the number?    15	13	(a + b)(a - b) =	B. a(b - a) + b(a - b) C. a(a + b) - b(b + a)
15 Question Image  16 If x% of y is 20, then y =  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.  18 Alf the quantity in column B is greater.  20 B. If the quantity in column B is greater.  21 C. If the two quantities are equal.  22 D. If the relationship cannot be determined from the information given.  23 B. B. C.	14		B. 1/2 C. 5
16   If x% of y is 20, then y =   B. 100/< xx/F)>   C. 2000/ xx/F)   C. 2000/ xx/F/F)   C. 2000/ xx/F/F   C. 20	15	Question Image	B. 45 C. 55
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 Q1. The product of the odd integers between -8 and 8.  Column B Q1. The product of the even integers between -9 and 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 B 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.  A. A B. B. C. C. D. D  Column A  (3°)(9¹) Column A  (3°)(9¹) Column B 27  A Multiplying by 1/2 B. Multiplying by 1/2 C. Dividing by 1/2 D. Dividing by 1/2 D. Dividing by 1/2 D. Dividing by 1/2 D. Dividing by 3  A recipe requires 13 gram of sugar and 18 gram of flour. If only 100 gram of sugar is used, how much flour, to the nearest gram, should be used 7	16	If x% of y is 20, then y =	B. 100/ <i>x</i> C. 2000/ <i>x</i>
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	20		B. 13 C. 14

