GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	The CEO of a large multinational firm wants to maxim:, revenues and increase sales. The production director,however, believes that increased production would only drive down the product would only drive down the product price and lower revenues. Q: Which of the following represents the logical flaw in director's reasoning?	A. The director assumes the plant at the firm is old fashioned B. He assumes that production goals are similar to financial goals C. He assumes that the supply produced by a single company can significantly after the aggregate supply for the market D. He assumes that they are market leader with a share of more than ninety percent of the aggregate sales
2	What is the ratio of the circumference of a circle to its radius ?	A. π B. $\pi/2$ C. $2\pi r$ D. 2π
3	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** $0/\sqrt{8}$ **Column B** 1	A. A B. B C. C D. D
4	What percent of 1/2 is 5/4 ?	A. 2.5 B. 1.5 C. 250 D. 150
5	The size of the square which can be made using 256 square shapes with a side length of 6 cm is:	A. 16 cm B. 36 cm C. 2.67 (approx) cm D. 96 cm
6	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** 5 $1/x = 5$	A. A B. B C. C D. D

7	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?	A. Sagher earned 3/4 of what Bilal earned B. Sagher earned $17.50 more than Bilal C. Sagher earned $2.50 more than Bilal D. Sagher earned $25 less than Bilal
8	t is an integer greater than 5. The expression that must represent an odd integer is	A. $t(t + 1)$ B. $3t - 1$ C. t^2 D. $2t - 3$

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. **Column A** x/y **Column B** y/x x = 1/3 and y = 1/4	A. A B. B C. C D. D
10	Twice the age of son is 4 year more than the age of his father. What is the age of the son if father is of 40?	A. 22 B. 20 C. 18 D. 16 E. 14
11	Question Image	A. 200 B. 220 C. 210 D. 190
12	The cost of the planting sugarcane at the rate of 6 paisa per square meter is Rs. 5840.64. What is the length of side of this square field:	A. 312 m B. 622 m C. 97344 m D. 459 m
13	Find the greatest number of 4 digits which when divided by 18,24,30 and 36 leaves a remainder 17 in each case.	A. 360 B. 9360 C. 3600 D. 9377
14	In inequality y > 3x - 2 if a > b, then which of the following statement is true ?	A. x = 1 B. x > 1 C. x < 1 D. x ≥ 1
15	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
16	If x/y = -1, then x + y =	A. 0 B. 1 C. y D. 2x
17	Question Image	A. Zero B. 9 C. 5 D. 14
18	When two dice are thrown simultaneously, what is the probability that the sum of the two numbers that turn up is less than 11?	A. 5/6 B. 11/12 C. 1/6 D. 1/12

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.

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A. A
B. B
C. C
D. D

Column A
y/x
Column B
x/y -1

x = 2y

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A rectangular field which is twice as long as it is broad, has an area of 14450 m^2 , what is its perimeter ?

A. 85 m
B. 510 m
C. 165 m
D. 170 m