GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	A neon sign flashes every 3 seconds, another sign flashes every 5 seconds, and a third flashes every 7 seconds. If they all flash together, how many seconds will pas before they all flash simultaneously again?	A. 15 seconds B. 35 seconds C. 105 seconds D. 21 seconds
2	Question Image	A. 24 B. 30 C. 35 D. 36
3	Question Image	A. 35 B. 25 C. 10 D. 29
4	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** $3/2\sqrt{6}$ **Column B** $\sqrt{6}/4$	A. A B. B C. C D. D
5	The surface area of sphere of radius 3 1/2 cm is:	A. 130 sq.cm B. 69 sq.com C. 154 sq.cm D. 98 sq.cm
6	The surface area of a cube is 180, its volume is:	A. 125 B. 30 C. 164 D. $30\sqrt{30}$
7	Our educational boards should not spend their money on the new Pakistan studies reading program. After all, our students get all the information they need by studying history. Q:The argument above depends on which the following assumptions?	A. The Pakistan studies program would not help the students learn history B. Pakistan studies are no longer beneficial for Pakistani students, as they already know everything described in it C. The Pakistan studies program is contained in only history course D. Teaching history to the students is more important than teaching them Pakistan studies
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.	A. A B. B C. C D. D

Column A
6√24
Column B
12√6

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9   One sixth of a day is what part of the time between 3 p.m. Monday and 3 p.m Thursday of the same week?

A. 1/10
B. 1/18
C. 1/15
D. 1/12

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10   What percent of p is q ?

A. q/p
B. p/q
C. 100q/p
D. 100p/q

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11   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

Column A
Value of x when N = 1
Column B
Value of x when N = 3

$(x = 3^N/N)$

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12   Question Image

A. 400
B. 375
C. 600
D. 800

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13   If $20x + 20y = 70$, what is the average of x and y ?

A. 7/2
B. 7
C. 7/4
D. 4/7

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14   The value of $(5x + 6)(x + 12) - (5x - 6)(x + 3)$ is:

A. $2(5x^2 + 9x)$
B. 14
C. 4
D. 22

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15   If x/y = -1, then x + y =

A. 0
B. 1
C. y
D. 2x

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16   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. $x \geq 1$

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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.

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

Column A
The remainder when a positive integer is divided by 5.
Column B
5

18	In his wardrobe, Tahir has 3 trousers.One of them is black, the second blue, and the third brown. In his wardrobe, he also has 4 shirts. One of them is black and other 3 are white. He open his wardrobe in the dark and picks out one shirt - trouser pair, without examining the color. What is the likelihood that neither the shirt the trouser is black?	A. 1/12 B. 1/6 C. 1/4 D. 1/3 E. 1/2
19	Question Image	A. 35 B. 25 C. 27 D. 50
20	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555 and 630. Find the population of ninth village if the average population of nine villages is 900.	A. 1200 B. 1065 C. 1030 D. 1800