

GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	<p>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.</p> <p>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.</p> <p>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.</p> <p>Column A 3/13 of 45 Column B 45/13 of 3</p>	<p>A. A B. B C. C D. D</p>
2	If $\frac{1}{2}x + \frac{1}{4}x + \frac{1}{8}x = 22$, what is the value of x ?	<p>A. 88 B. 44 C. 1 D. 24</p>
3	If $x + 2y = 11$ and $2x + 3y = 17$ then y is?	<p>A. 6 B. 5 C. 4 D. 3 E. 0</p>
4	If $a - b = c - dt$, what is the value of t in terms of a, b, c and d ?	<p>A. $b - c/a - d$ B. a/b C. c/d D. $b + c/a + d$</p>
5	What is 10% of 30% of 40%?	<p>A. 0.12% B. 0.012% C. 12% D. 1.2%</p>
6	<p>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.</p> <p>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.</p> <p>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.</p> <p>Column A $\frac{5}{\sqrt{6}}$ Column B $5\sqrt{2}/\sqrt{12}$</p>	<p>A. A B. B C. C D. D</p>
	<p>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.</p> <p>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.</p>	<p>A. A B. B C. C D. D</p>

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

Column A

a

Column B

b

$$(82a = 43b)$$

- 8 Munir was born on August 14, 1934 and died on February 28, 1999. What was his age, in years, at the time of his death ?


A. 64
B. 65
C. 66
D. 68

- 9 The average of the polynomials, $2x^2 + 5x - 6$, $5x^2 - 5x - 6$ and $30 - 7x^2$ is:

A. 14
B. 18
C. 6
D. $5 < i > x < /i >$

- 10 The least prime number is:

A. 0
B. 1
C. 2
D. 3

- 11 

A. 35
B. 25
C. 10
D. 29

- 12 An instructor having 9224 students under him, arranges them into a square and finds 8 students to be excess. What is the number of students in the front row?

A. 97
B. 88
C. 104
D. 96

- 13 The difference between the first two perfect squares that end with 9 is:

A. 11
B. 40
C. 30
D. 120

- 14 If the base of a rectangle is increased by 40% and its altitude is decreased by 20% then its area is:

A. decreased by 20%
B. increased by 12%
C. decreased by 12%
D. increased by 16%

- 15 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 penalization for 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

- 16 What is the probability that a two-digit number selected at random will be a multiple of '3' and not a multiple of '5'?

A. $\frac{2}{15}$
B. $\frac{4}{15}$
C. $\frac{1}{15}$
D. $\frac{4}{90}$

- 17 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 ?

A. 16
B. 13
C. 14
D. 17

- 18 Many people do not read the books they purchase. For example, seventeen percent of college students in Pakistan have text books, but only forty-five percent of them read more than once a year, and only seventeen percent read more than once a week.
Q: Which of the following, if true, casts doubt on the claim that most people read the books they purchase?

A. Regular book readers are most susceptible to eye diseases
B. Readers often exaggerate about their book reading
C. Many people buy books to pretend themselves as a scholar
D. The sale of novels is more than that of other types

- 19 If $x^2 + y^2 = 9$ and $(x - y)^2 = 3$, what is the value of xy ?

A. 16
B. 9
C. 6
D. 3

The average of x, y, z and 40 is 10. What is the average of x, y and z .

- A. 10
 - B. 0
 - C. 2
 - D. 15
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