

GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	Ayesha and Bisma together have \$20. Bisma and Adnan together have \$16. Ayesha and Adnan together have \$24. What is the smallest number of dollars that any girl has alone?	A. 4 B. 6 C. 10 D. 24
2	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
3	<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 The average (arithmetic mean) of 3, 4 and 5</p> <p>Column B The average (arithmetic mean) of 2, 3, 7 and 8</p>	A. A B. B C. C D. D
4	If the mean (average) of 6 numbers is 4.5. What is the sum of the numbers ?	A. 0.75 B. 10.5 C. 12 D. 27
5	<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 $3\sqrt{16/4}$</p> <p>Column B $2\sqrt{18/2}$</p>	A. A B. B C. C D. D
6	Mohin is now three times Mohsin age. Four years from now Mohin will be y years old. In terms of y, how old will Mohsin be ?	A. $\frac{y}{3} - 4$ B. $\frac{y}{3} + 4$ C. $\frac{y}{3} + 4$ D. $\frac{y}{3} - 4$
7	<p>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.</p> <p>Q: The argument above depends on which of the following assumptions?</p>	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

8	<p>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.</p> <p>Q: Which of the following, if true, would most seriously weaken the conclusion above?</p>	<p>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</p>
9	<p>If the base of a rectangle is increased by 40% and its altitude is decreased by 20% then its area is:</p>	<p>A. decreased by 20% B. increased by 12% C. decreased by 12% D. increased by 16%</p>
10	<p>Win/Loss ratio for two teams are A, 5 : 2 and B, 7 : 3 which team has the better record ?</p>	<p>A. A B. B C. both A and B D. wrong question</p>
11	<p>Fatima and Maryium each roll a sheet of 9×18 paper to form a cylinder. Fatima tapes the two 9-inch edge together and Maryium tapes the two 18-inch edge together. Refer to this question and tell which of the following statement is true ?</p>	<p>A. The volume of Fatima cylinder is greater than Maryium cylinder B. The volume of Fatima cylinder is less than Maryium cylinder C. The volume of Fatima cylinder is equal to the Maryium cylinder D. Both cylinders have the same circumference</p>
12	<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 $(3^0)(9^1)$ Column B 27</p>	<p>A. A B. B C. C D. D</p>
13	<p>If $a + b > 7$ and $a - b > 5$, then which of the following gives all possible values of a and only possible value of a ?</p>	<p>A. $a > 6$ B. $a < 5$ C. $a > 4$ D. $a < 7$</p>
14	<p>If 35 students took an exam and 13 of failed, what percent of them passed?</p>	<p>A. 20% approx B. 63% approx C. 25% approx D. 22% approx</p>
15	<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 $x^4 x^5$ Column B</p>	<p>A. A B. B C. C D. D</p>

$$(x^3)^2$$

$$(x > 0)$$

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- 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.
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- 16 Notes: Sometimes, in certain questions, 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.

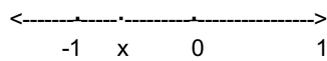
- A. A
- B. B
- C. C
- D. D

Column A

$$4x$$

Column B

$$x^4$$



- 17 Jafer drew a square. He then erased it and drew a second square whose sides were 3 times the sides of the first square. By what percent was the area of the square increased?

- A. 300%
- B. 800%
- C. 400%
- D. 200%

- 18 Harper's Pencils manufactures and sells the same pencils as Johnson's Supply. Employee wages account for forty percent of the cost of manufacturing pencils at both factories. Harper's is seeking a competitive edge over Johnson's supply. Therefore, to promote this end, Harper's should lower employee wages.
Q: Which of the following, if true, seriously weakens the argument above?

- A. Because they make a small number of specialty artist's pencils, pencil manufacturers cannot receive volume discounts on raw materials
- B. Lowering wages would reduce the quality of employee work and this reduced quality would lead to lowered sales
- C. Harper's Pencils has taken away twenty percent of Johnson's Supply business over the last year
- D. Johnson's Supply pays its employees, on average, ten percent more than does Harper's Pencils

- 19 What is the least of three consecutive integers whose sum is 18?

- A. 2
- B. 3
- C. 4
- D. 5

- 20 A poster in an eye clinic advises people, who have received eye drops X that blur vision, refrain from driving until they can do so safely. In a Gov't initiated hospital study, however, subjects questioned immediately after they received such drops and underestimated the time necessary to regain their driving ability. This result indicates that many people with eye drops X will be unlikely to follow the advice.
Q: Which of the following, if true, most strongly supports the argument above?

- A. Many people, if they know they will receive eye drops X, make arrangements beforehand for a friend or relative to drive them home
- B. The subjects in the hospital study generally rated their abilities more conservatively than they would if they were outside the framework of a scientific experiment
- C. Some people ask their doctors not to give them eye drops X that blur vision if they will have to drive to get home afterward
- D. The subjects in the study were also questioned about the time necessary to regain abilities that do not play an important role in driving safely