

GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	A chemical solution contains 8% of acid. If there is 15 ml of acid, what is the volume of the solution ?	A. 125.5 ml B. 187.5 ml C. 225.5 ml D. 171.5 ml
2	<p>The Burmese ferret badger burrows its home in the ground. Based on the fact that different local populations of Burmese ferret badgers of the same species dig homes of different styles, zoologists have concluded that the badgers building styles are a culturally acquired, rather than a genetically transmitted, trait.</p> <p>Q:Which of the following, if true, would most strengthen the conclusion drawn by the zoologists?</p>	A. There are more common characteristics than there are differences among the Burmese ferret badger's styles of the local Burmese ferret badger population that has been studied most extensively B. Young Burmese ferret badgers are inept at digging burrows and apparently spend years watching their elders before becoming accomplished in the local style C. The homes of one species of badger lack the characteristics of the homes of most other species of badger D. Burmese ferret badgers are found only in Burma and India, where local populations of the badgers apparently seldom have contact with one another
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 x,y,z and 39</p> <p>Column B 40</p>	A. A B. B C. C D. D
4	In All Pakistan Weight Lifting competition in Multan, double of first lift of Mr. Sahiwal was 150 kilograms more than his second lift and the sum of two lifts was 375 kilograms. What was the weight of his first lift?	A. 300 B. 350 C. 175 D. 100
5	Question Image <input type="text"/>	A. 49 B. 39 C. 59 D. 69
6	12 is $\frac{1}{3}$ % of what number ?	A. 4 B. 400 C. 36 D. 3600
7	<p>During warm weather, my dog suffers from fleas inure than during cooler weather. Therefore,fleas must thrive in a warm environment.</p> <p>Q:Which of the following exhibits a pattern of reasoning most similar to the one exhibited in the araugment above?</p>	A. Moose and bear usually appear at the same drinking hole at the same time of day. Therefore, moose and bear must grow thirsty at about the same time B. Children who are scolded severely tend to misbehave more often than other children do. Hence, if a child is not scolded severely that child is less likely tomis behave C. Pesticides are known to cause

anemia in some people. However, most anemic people live in regions where pesticides are not commonly used

D. Beautiful beaches attract people, no doubt about it. Just look at this city's beautiful beaches, which are among the most over crowded beaches in the state

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.

8 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

a/b

Column B

a/b

$a = -2/3$ and $b = 3/5$

9 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

10 For which values of p is $p^2 - 5p + 6$ negative ?

- A. $p < 0$
- B. $2 < p < 3$
- C. $x < i > > 3$
- D. $x < i > > 2$

11 A recent survey in country X found that more VCRs than videotapes were purchased by its citizens last year. The best interpretation of this finding is that the practice of illegally duplicating commercial videotapes is widespread.

Q: Which of the following, if true, would cast doubt on the conclusion above:

- A. Very few VCR owners in country X have their own videotapes
- B. There are few free noncommercial videotapes available in country X
- C. The government of country X regularly copies and distributes material it considers to be classic content videotape free of charge, and to which the country owns copying and distribution rights
- D. The typical country X VCR does not purchase commercial videotapes in other countries

12 Uzma is 15 years old. Asma is one third older than Uzma. How many years ago when Asma was twice as old as Uzma is ?

- A. 5
- B. 12
- C. 15
- D. 10

13 Question Image

- A. $100 < sup > o < / sup >$
- B. $60 < sup > o < / sup >$
- C. $80 < sup > o < / sup >$
- D. $40 < sup > o < / sup >$

14 If C is the circumference of a circle of radius r , then which of the following statement is true ?

- A. $C/r < i > > 6$
- B. $C/r = 6$
- C. $C/r > 6$
- D. $C/r = \pi$

15 Stock analyst: "We believe Company A's stock will appreciate at 35% a year for the next 5 to 7 years. Company A just became the leader in its industry and we expect its sales to grow at 8% a year." Commentator: "But how can the stock's price be expected to grow more quickly than the company's underlying sales?"

Q: Which of the following, if true, would best support the stock analyst's prediction?

- A. The company's expenses will be declining over the next 5 to 10 years
- B. The company just won a patent on a new product
- C. The 5 to 7 year time frame is too long for anyone to accurately forecast
- D. Company A's industry peer group is expected to experience stock appreciation rates of 30% over the same time horizon

16 What percent of 75 is x ?

- A. $3/4 - x < i >$
- B. $4/3 - x < i >$
- C. $4 - x < i >$
- D. $3 - x < i >$

17	Three business partners shares have profit of Rs. 24000 in the ratio 5 : 4 : 3. What is the amount of the least share ?	<p>A. 6000</p> <p>B. 8000</p> <p>C. 10,000</p> <p>D. 1200</p>
18	Saima bought two black pencils and three red pencils for Rs.23. After a week, she bought three black pencils and two red pencils for Rs. 16. If price of pencils remained the same for both transactions, how much she paid for one black pencil?	<p>A. 2</p> <p>B. 3</p> <p>C. 4</p> <p>D. 5</p>
19	If the ratio of a : b is 9 : 7 then a + b is:	<p>A. 14</p> <p>B. 16</p> <p>C. 63</p> <p>D. not possible</p>
20	Between 1990 and 1998, boarding in Muslim Degree College averaged 79 percent of capacity, while admission rates remained constant, at an average of 9 admissions per 100 rooms per year. Between 1998 and 2002, however, boarding rates increased to an average of 85 percent of capacity, while admission rates declined to 8 per 100 rooms per year.Q:Which of the following conclusions can be most properly drawn from the info given above?	<p>A. The average stay for Muslim degree College residents rose between 1998 and 2002</p> <p>B. The proportion of young student staying in the college hostel was greater in 2002 than in 1990</p> <p>C. College admission rates tend to decline whenever boarding rates rise</p> <p>D. College built prior to 1998 generally had fewer rooms than did college built between 1998 and 2002</p>