

GAT-C Agriculture, Veterinary, Biological & Related Science Quantitative

Sr	Questions	Answers Choice
1	<p>Traveling by cars is safer than traveling by planes. Eighty percent of plane accidents result in death of all passengers, while only one percent of car accidents result in death.</p> <p>Q:Which of the following, if true, would most seriously weaken the argument above?</p>	<p>A. Planes are inspected by experienced engineers before flying</p> <p>B. The number of car accidents is several thousand times higher than the number of plane accidents</p> <p>C. Pilots are more trained than car drivers are</p> <p>D. Speed of car is lesser than that of planes</p>
2	<p>A study of residents in Gujrat found that one fourth of the children developed considerable levels of nearsightedness five years after starting school, while their illiterate age fellows, who had no opportunity for formal schooling, showed no signs of this disability.</p> <p>Q:If the above statements are true, which of the following conclusions is most strongly supported by them?</p>	<p>A. Only literate people are nearsighted</p> <p>B. Almost all schools in Gujrat are surrounded by forests</p> <p>C. Visual stress required by reading causes nearsightedness</p> <p>D. One-third of the children are illiterate</p>
3	<p>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 pass before they all flash simultaneously again?</p>	<p>A. 15 seconds</p> <p>B. 35 seconds</p> <p>C. 105 seconds</p> <p>D. 21 seconds</p>
4	<p>The average of four consecutive even integers is T. The second of these integers can be represented in terms of T as:</p>	<p>A. T - 1</p> <p>B. T + 1</p> <p>C. T + 2</p> <p>D. 4T - 8</p>
5	<p>When 4 dice are thrown, what is the probability that the same number appears on each of them?</p>	<p>A. 1/36</p> <p>B. 1/18</p> <p>C. 1/216</p> <p>D. 1/5</p>
6	<p>The greatest number which divides 2400 and 3600 leaving 48 and 60 respectively, as remainder is:</p>	<p>A. 9</p> <p>B. 7</p> <p>C. 17</p> <p>D. 10</p>
7	<p>Asim had an average of 60 on his first four math tests. After taking the next test, his average dropped to 58. Find his recent test grade.</p>	<p>A. 40</p> <p>B. 50</p> <p>C. 48</p> <p>D. 32</p>
8	<p>At last month's symposium on the increasing air pollution affecting the Beaumont forest, most participating members favored uniform controls on the quality of exhaust fumes, whether or not specific environmental damage could be attributed to a particular source of fumes. What must, of course, be shown, in order to avoid excessively restrictive controls, is that</p> <p>Q:Which of the following, best completes the passage below?</p>	<p>A. Any uniform controls that are adopted are likely to be implemented without delay</p> <p>B. Environmental damage already inflicted on the Beaumont forest is reversible</p> <p>C. The members favoring uniform controls are those representing bodies that generate the largest quantities of exhaust fumes</p> <p>D. Any substance to be made subject to controls can actually cause environmental damage</p>
9	<p>Question Image</p>	<p>A. 30</p> <p>B. 45</p> <p>C. 40</p> <p>D. 35</p>
10	<p>Many community colleges suffer declining enrollments during periods of economic recession. At government retraining programs, which are not provided free of charge, enrollment figures boom during these periods when many people have less money and there is more competition for jobs.</p> <p>Q:Each of the following, if true, helps to explain the enrollment increases in government retraining programs above EXCEPT:</p>	<p>A. During periods of economic Slowdown, government retraining programs are more likely those community colleges to prepare their students for the jobs that are still available.</p> <p>B. During periods of economic prosperity, graduates of government retraining programs often continue their studies in community colleges</p> <p>C. Tuition at most government retraining programs is a fraction of</p>

retraining programs is a fraction of that at community colleges

Government retraining programs devote more resources than do other colleges to attracting those students especially affected by economic slowdowns.

11 In a squash tournament that has 75 entrants, a player is eliminated whenever he loses a match. How many matches will be played in the entire tournament ?

- A. 74
- B. 18
- C. 34
- D. 36

12 Question Image

- A. 54
- B. 72
- C. $4 + \sqrt{3}$
- D. $12(4 + \sqrt{3})$

13 A farmer wants to fence a triangular field. He plans to put a fencing post in each corner and place other posts at equal distance along its sides. He wants the posts to be as far apart as possible. The sides of the field are 477 feet 2412 feet and 636 long. How far apart will the posts be ?

- A. 18 feet
- B. 9 feet
- C. 27 feet
- D. 159 feet

14 In an vitro study, 160 white cats were injected with saltx. 160 other white cats were injected with placebo. In two weeks, 39% of the white cats, who were injected with SaltX showed symptoms of Kay fever? Hence, it can be concluded that Kay fever is caused by some elements similar to the elements in SaltX.Q:Which of the following would most strengthen the argument above?

- A. Some of the elements in SaltX are extracted from the root of a certain poisonous herb of Hunzaroot of a certain poisonous herb of Hunza
- B. The blood test of the victims of Kay fever revealed the presence of a toxic element in their blood, normally found in salt X
- C. Almost all the white cats died within two days after the first symptom appeared
- D. Normally the rate of Kay fever among white cats is less than 0.01%
- E. Within two weeks, about 40% of the white cats, who were injected with placebo, also contracted Kay fever

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.

15 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

$$4x/3$$

Column B

Y

$$x/y = 3/4$$

16 How many two-digit numbers are there which are divisible by 6 ?

- A. 17
- B. 18
- C. 16
- D. 15

17 Question Image

- A. 12 cm^2
- B. 25 cm^2
- C. 9 cm^2
- D. 17.23 cm^2

18 The product of $\sqrt{24a}$ and $\sqrt{6a}$ is:

- A. $12a$
- B. $6a^2$
- C. $12a^2$
- D. $3a\sqrt{8}$

19 If a train travels $5/6$ mile in $1 \frac{1}{4}$ minutes,how many miles will it travel in 1 hour?

- A. 20 miles
- B. 50 miles
- C. 40 miles
- D. 30 miles

20 Suzuki comes in 5 models, 8 colors, and 3 sizes. How many Suzuki must the local dealer have on hand in order to have one of each kind available?

- A. 24
- B. 120
- C. 16
- D. 39

