

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

Sr	Questions	Answers Choice
1	Question Image	A. 325 B. 225 C. 125 D. cannot be exactly determined form the given information
2	For which values of p is p^2 - 5p + 6 negative ?	A. p < 0 B. 2 < p < 3 C. <i>>x</i> > 3 D. <i>x</i>
3	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles?	A. 19.2 B. 12.8 C. 8.5 D. 38
4	If 8 is 4 percent of k, then k is 4 percent of:	A. 5000 B. 4000 C. 800 D. 80
5	A square lawn having area 0.25 sq km has to be enclosed with iron railings at the rate of Rs. 10100 per metre. What will be its cost?	A. Rs. 20200 B. Rs. 2000 C. Rs. 202000 D. Rs. 100100
6	Question Image	A. 20 B. 24 C. 40 D. 96
7	The total number of eighths in 3 3/4 is:	A. 15 B. 54 C. 30 D. 24
8	What is the least positive integer which is to be added to 57592910 so that the sum may be a perfect square ?	A. 7588 B. 7 C. 11 D. 15166
9	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
10	Question Image	A. 20 B. 17 1/2 C. 35 D. 12 1/2
11	If length of a rectangular field is twice that of its width. What is the perimeter of the field if its area is 1152m^2 ?	A. 256 m B. 144 m C. 24 m D. 96 m
12	What percent of p is q?	A. q/p B. p/q C. 100q/p D. 100p/q
13	Health club membership has increased dramatically over the last five years. In order to take advantage of this increase, Fitness Express plans to open more of the same types of classes available during the week, while continuing its already very extensive advertising in newspapers and on the radio. Q: Which of the following if true, provides most support for the view that Fitness Express cannot increase membership on its gaves by adopting the plan outlined	A. Although it fills of the classes it opens, Fitness Express's share of all health club memberships has declined over the last five years B. Fitness Express number of classes offered to their clients has declined slightly over the last year C. Advertising has made the name of Fitness Express widely known, but

	above?	rew customers know that Fitness Express health clubs also off acupuncture and shiatsu treatments D. Despite a slight decline in membership price, sales of Fitness Express memberships have fallen in the last five years
14	If A(-2, 3) and B(5, -1) are the endpoints of one side of a square ABCD, what is the area of the square ?	A. 20 B. 65 C. 30 D. 35
15	The Positive difference between k and 1/8 is same as the positive difference between 1/2 and 1/3. Which of the following could be the value of K?	A. 1/7 B. 7/24 C. 23/24 D. 1/6
16	Many people especially the experts in the field of forestry are against all forest fires. They demand that all forest fires should be extinguished and let the forest die out by their own. The study of forest fires show that in the long run, forest fires may in fact, be beneficial to the ecology as a whole. Q:Among the following, which statement would logically follow from one of the observations referred to in the passage above?	A. The reason of almost all forest fires is natural B. Human beings try to extinguish the fire for gaining heat C. Studies indicate that forest fires regularly occurred in the times prior to human occupation of forest areas D. The animal and plant life destroyed by forest fires seldom represents endangered species E. Occasionally, the small fire prevents a large scale fire by the accumulation of flammable materials
17	If a circle is inscribed in a square of area 4, then the area of the circle is:	A. π B. π/2 C. π/4 D. 3π/4
18	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 5/√6 Column B 5√2/√12	A. A B. B C. C D. D
19	Out of the 44 boys in a class, 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 5. Find the average age of the entire class.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
20	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>