

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

Sr	Questions	Answers Choice
1	Find the greatest number of 4 digits which when divided by 18,24,30 and 36 leaves a remainder 17 in each case.	A. 360 B. 9360 C. 3600 D. 9377
2	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 onthe 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
3	What is the area of a circle whose radius is the diagonal of square whose area is 9?	A. √3 π B. 12π C. 4π D. 13π
4	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 The number of primes between 40 and 50. Column B The number of primes between 60 and 70	A. A B. B C. C D. D
5	A solid metal cube of side 5 inches is placed in a rectangular tank whose length, breadth and height are 5, 6 and 7 inches, respectively. What is the volume in cubic units, of water that the tank can now held?	A. 210 cubic inches B. 85 cubic inches C. 125 cubic inches D. 216 cubic inches
6	In figure 2, what is the perimeter of ΔBED ?	A. 3 + √93 B. 11 C. 11 + √97 D. 81
7	The cube of 1/2 is:	A. 1/4 B. 1/8 C. 1/2 D. 1/16
8	The average height of a class of 14 boys is 5.3 feet. A new boy is admitted to the class. The new average of height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
9	How many different 4 person teams can be made from a group of 9 players?	A. 3,024 B. 1,512 C. 378 D. 254 E. 126
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A. A B. B C. C D. D

Column A

10

The product of the integers

Column B

The average of the integers

The sum of 5 consecutive integer is 0

11	What fractional part of a week is 98 hours?	A. 7/98 B. 7/12 C. 1/20 D. 1/7
12	If x is a positive number and $x^2 + 36 = 100$, what is the value of x?	A. 6 B. 8 C. 14 D. 64
13	Question Image	A. 80 B. 110 C. 100 D. 95
14	Question Image	A. $2 + 3\sqrt{2}$ B. 8 C. $4 + 6\sqrt{2}$ D. $3 + 2\sqrt{2}$
15	If the ratio of boys and girls in a class is 3 : 5 and the class contains 24 students, how many additional boys would have to enroll to make the ratio of boys to girls 1 : 1?	A. 9 B. 15 C. 6 D. 12
16	If $5x + 12 = 44$, what is the value of $5x - 12$?	A. 24 B. 32 C. 20 D. 22
17	Three business partners shares have profit of Rs. 24000 in the ratio $5:4:3$. What is the amount of the least share ?	A. 6000 B. 8000 C. 10,000 D. 1200
18	12 is 1/3 % of what number ?	A. 4 B. 400 C. 36 D. 3600
19	The length of a rectangle is twice its width. If the perimeter of a rectangle is the same as the perimeter of a square of size 9, what is the length of a diagonal of the rectangle?	A. 180 B. 3√5 C. 36 D. 6√5
20	A bag has 7 marbles, one of each of colours, green, blue, brown, yellow, red, white and pink. If 6 marbles are removed from the bag, what is the probability that the red one was removed ?	A. 1/7 B. 4/3 C. 2/7 D. 6/7