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

Sr	Questions	Answers Choice
1	Which of the following operations has same effect as multiplying by 0.5?	A. Multiplying by 1/2 B. Multiplying by 2 C. Dividing by 1/2 D. Dividing by 3
2	What fractional part of a week is 98 hours ?	A. 7/98 B. 7/12 C. 1/20 D. 1/7
3	Sonia buys two off-cuts of ribbon in a sale. One is 153 cm long. The other is 204 cm long. She cuts them so that she ends up with a number of pieces all the same length. What is the greatest length each piece can be ?	A. 39 B. 6 C. 17 D. 51
4	A circle whose center is at (3, 4) passes through the origin. Which of the following points is not on the circle ?	A. (-1, 3) B. (-1, 1) C. (0, 0) D. (7, 7)
5	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 ?	A. a > 6 B. a < 5 C. a > 4 D. a < 7
6	Question Image	A. 20 B. 40 C. 60 D. 30
7	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** $\sqrt{18}/7 + \sqrt{18}$ **Column B** 7	A. A B. B C. C D. D
8	Question Image	A. 256 B. 64π C. 256π D. 64(4 - π)
9	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** Y^X	A. A B. B C. C D. D

10	If $(5^a)(5^b) = 5^c/5^d$, what is d in terms of a, b and c ?	A. a + b -c B. a - b + c C. a + b + c D. c - a - b
11	If it takes 10 minutes to walk 3/7 mile, how many minutes will it take to walk the rest of the mile?	A. 2 1/3 B. 13 1/3 C. 4 2/7 D. 30
12	If x + 2y = 11 and 2x + 3y = 17 then y is?	A. 6 B. 5 C. 4 D. 3 E. 0
13	Shockwave lithotripsy can be used to remove painful kidney stones. In contrast to surgery - the invasive procedure customarily used, extracorpreal shockwave lithotripsy poses little risk to patients. Thus, to guarantee patient safety in the attempt treat kidney stones, extracorpreal shockwave lithotripsy should replace kidney stone surgery in all cases. Q:Which of the following, if true, would most support the recommendation above?	A. Kidney surgery can be used to treat other ailments of the kidneys other than kidney stones. B. Extracorpreal shockwave lithotripsy was designed primarily in order to diagnose kidney stones. C. Kidney surgery can reveal more information about the cause of a stone than an extracorpreal shockwave lithotripsy can. D. An extracorpreal shockwave lithotripsy is just as likely as kidney surgery to successfully remove a kidney stone
14	Question Image	A. 125 sq.cm B. 132 sq.cm C. 139 sq.cm D. 97 sq.cm
15	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
16	If a jet travels 1280 km in 2 hours, how far will it travel in 5 1/2 hours, at the same speed ?	A. 2100 B. 3300 C. 2700 D. 3520
17	Question Image	A. 325 B. 225 C. 125 D. cannot be exactly determined form the given information
18	Which is the greatest?	A. 4/9 B. 5/11 C. 8/15 D. 9/17
19	Ali purchased some goldfish. During the first week, 1/5 of them died, and during the second week, 3/8 of those still alive at the end of the first week died. What is the fraction of the original goldfish still alive after two weeks ?	A. 1/2 B. 3/2 C. 5/2 D. 4/3
20	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?	A. 2 B. 3 C. 4 D. 5