

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	3-7 =	A. -7 B. 7 C. -4 D. 4
<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>		
3	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
<p>Column A 17/1/17 Column B 1</p>		
4	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
5	If the length of a rectangle is 4 times its width, and if its area is 196, what is its perimeter ?	A. 60 B. 28 C. 35 D. 70
6	What percent of p is q ?	A. q/p B. p/q C. $100q/p$ D. $100p/q$
7	If the radius of a circle is increased by 20% then the area is increased by:	A. 14% B. 120% C. 144% D. 40%
<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>		
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
<p>Column A 4x Column B x^4</p>		

9 Parents of some of the children in a particular class have claimed that the teacher is not objective and favors his male students with higher grades. But the record showed that 92% of the female students received a passing grade in this teacher's class. This record demonstrates that the teacher has not discriminated against women when assigning grades.
Q: The argument above is flawed in that it ignored the possibility that

A. A large number of the teacher's student were in his class the previous year
B. Many teachers find it difficult to be objective when assigning grades to male and female students
C. The evidence shows that more than 92% of the female students should have received a passing grade
D. The majority of tests written by female students and that have been rechecked by another teacher were given a higher grade by the second teacher

10 If a circle is inscribed in a square of area 4, then the area of the circle is:

A. π
B. $\pi/2$
C. $\pi/4$
D. $3\pi/4$

11 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

12 On a test consisting of 60 problems, Sonia solved 75% of first 40 problems correctly. What percent of the other 20 questions does she need to solve correctly for her grade on the entire exam to be 90% ?

A. 95%
B. 65%
C. 85 %
D. cannot achieve 90%

13 Question Image

14 In some cities, many potters have been winning acclaim as artists. But since pottery must be useful, potters must exercise their craft with an eye to the practical utility of their product. For this reason, pottery is not an art.
Q: Which of the following is an assumption that supports drawing the conclusion above from the reason given for that conclusion?

A. Some plates, bowl and vessels are made to be placed in museums where they will not be used by anyone
B. Some potters are more concerned than others with the practical utility of the products they produce
C. Potters should be more concerned with the practical utility of their products than they currently are
D. An object is not an art object if its maker pays attention to the objects' practical utility

15 Although the new cochleae manufactured by Medotech will cost more than twice as much as the cochlear implants now in use, Medotech implants should still be cost-effective. Not only will surgery and recovery time be reduced, but Medotech cochlear replacements should last longer, thereby reducing the need for further hospital stays.
Q: Which of the following must be studied in order to evaluate the argument presented above?

A. The amount of time a patient spends in surgery versus the amount of time spent recovering from surgery.
B. The amount by which the cost of producing Medotech cochlear replacements has declined with the introduction of the new technique for producing them
C. The degree to which the use of Medotech cochlear replacements is likely to reduce the need for repeat surgery when compared with the use of the replacements now in use.
D. The degree to which the use of Medotech replacements are more carefully manufactured than are the replacements now in use

16 What is the least of three consecutive integers whose sum is 18?

A. 2
B. 3
C. 4
D. 5

17 It takes Riaz 30 minutes to mark a paper. Razi only need 25 minutes to mark a paper. If they both start marking papers at 11:00 A.M, what is the first time they will finish marking a paper at the same time?

A. 12:30
B. 12:45
C. 1:30
D. 12:25

18 A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank?

A. 300
B. 750
C. 250 3/4
D. 333 1/3

19

Question Image

B. 75

C. 25

D. 65

20

The number p is 4 more than 3 times the number r . The sum of p and r is 10. Which of the following pairs of equations could be used to find the values of p and r ?

A. $p = 3r + 4$ $p + r = 10$ B. $p = 3r + 4$ $pr = 10$ C. $p = 3(r + 4)$ $p + r = 10$ D. $p + 4 - 3r$ $p + r = 10$