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

Sr	Questions	Answers Choice
1	Rizwana has never received a violation ticket from the traffic police during her 10-year driving experience. Rizwana must be a great driver. Q:Which of the following can be said about the reasoning above?	A. Rizwana is a slow driver B. Rizwana's brother is in Pakistan naval forces at a high rank, so police do not issue ticket to her C. Rizwana has high tech car D. More information is required to give the argument
2	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 **Column B** x/y - 1 x = 2y	A. A B. B C. C D. D
3	If 4/13 of a number is 39, what is 8/13 of that number ?	A. 39/4 B. 78 C. 16 D. 39/8
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** $1/\sqrt{5}$ **Column B** $\sqrt{5}/5$	A. A B. B C. C D. D
5	If a < c and a < b, assume a ≥ 0 then which of the following statements are always true ? i. b < c ii. a < bc iii. 2a < b + c	A. only 1 B. only 2 C. only 3 D. 1 and 2
6	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
7	If $xy > 0$ and $x < 0$, which of the following negative ?	A. $-x$ B. $-y$ C. y D.

8

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.

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Column A
5/√6
Column B
5√2/√12

A. A
B. B
C. C
D. D

9

Clarinet reeds often lose their freshness - become less responsive - after a few weeks of intense use. One clarinetist has hypothesized that a buildup of oil, rather than changes in the material properties of the reed, were responsible.
Q:Which of the following investigations is most likely to yield significant information that would help to evaluate the hypothesis?

A. Determining what kind of wood is used to make the reeds used by jazz clarinetists
B. Determining whether jazz clarinetists make their reeds lose their freshness faster than do classical clarinetists
C. Determining whether identical lengths of reeds, of the same thickness, lose their freshness at different rates when put onto various brands of clarinets
D. Determining whether rubbing various substances on the new reed causes them to lose their freshness.

10

Acme brand aspirin claims to be the best headache relief available on the market today. To prove this claim, Acme called 10 people and asked them their thoughts on headache relief products. All 10 of them stated that they . unequivocally use Acme brand aspirin on a regular basis and that they believe it to be the best headache relief available on the market today.
Q:Which of the following would most weaken this argument?

A. Acme brand aspirin is highly addictive
B. The 10 people called were spouses of Acme employees
C. Most people choose to suffer silently through their headaches and take no medicines whatsoever
D. The 10 people called own stock in a competing company

11

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)

12

A man bought 20 used laptops at $200 each, 9 at $300 each, and 6 at $100 each. Find the average price per laptops

A. $250.55
B. $208.57
C. $400.50
D. $380

13

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.

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C.If the two quantities are equal.
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Column A
The product of the integers.
Column B
The average of the integers.

A. A
B. B
C. C
D. D

14

A man present age is *x* years. If his age in 8 years will be 4/5 of what it will be in 20 years, then his present age is:

A. 45
B. 25
C. 30
D. 40

A. Existing filtering systems programs
have been private and voluntary

15	A legislator proposes that communities should therefore be required to adopt filtering systems and to reach the target of filtering 50 percent of all tap water within 5 years. Q:Which of the following, if true, most seriously calls into question the advisability of implementing the proposal?	have been private and voluntary, with citizen participation ranging from 25 percent in some communities to 70 percent in others B. Existing filtering programs have been restricted to the tap water that is ingested by humans C. Existing filtering programs have had recurrent difficulties selling their filtering systems privately usually because the quantities filtered are too smallto be affordable for most families D. Some of the materials filtered out of the water are materials that can be used for other purposes E.
16	Question Image	A. 125 sq.cm B. 150.72 sq.cm C. 64 sq.cm D. 56 sq.cm
17	The cost of the planting sugarcane at the rate of 6 paisa per square meter is Rs. 5840.64. What is the length of side of this square field:	A. 312 m B. 622 m C. 97344 m D. 459 m
18	If the ratio of a : b is 9 : 7 then a + b is:	A. 14 B. 16 C. 63 D. not possible
19	Question Image	A. 20 B. 17 1/2 C. 35 D. 12 1/2
20	If C is the circumference of a circular disk in centimeters, and A is the area of the same circular disk in square centimeter. Then C/A = A/C, iff r =	A. 1 B. 2 C. 3 D. 4