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

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | 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.<br>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<br>B. Some potters are more concerned than ()filers with the practical utility of the products they produce<br>C. Potters should be more concerned with the practical utility of their products than they currently are<br>D. An object is not an art object if its maker pays attention to the objects' practical utility |
| 2 | How many polythene bags, each holding 8 ounces, are needed to hold 3 quarter of vegetable oil? | A. 8<br>B. 12<br>C. 14<br>D. 16 |
| 3 | The cost of manufacturing sports shoes in Macao is 25% less than the cost of manufacturing them in the Philippines. Even after transportation fees and tariff charges are added, it is still cheaper for a company to import sport shoes from Macao to the Philippines than to manufacture sports shoes in the Philippines.<br>Q:The statements above, if true, best support which of the following assertions? | A. Labor costs in Macao are 25% below those in the Philippines<br>B. Importing sports shoes from Macao to the Philippines will eliminate 25% of the manufacturing jobs in the Philippines<br>C. The tariff on sports shoes imported from Macao to the Philippines is less than 25% of the cost of manufacturing sports shoes in the Philippines<br>D. <div>The fee for transporting a pair of sports shoes fromMacao to the Philippines is more than 25% of cost of manufacturing the shoes in Macao</div> |
| 4 | What fractional part of a week is 98 hours ? | A. 7/98<br>B. 7/12<br>C. 1/20<br>D. 1/7 |
| 5 | 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.<br><br>A.If the quantity in column A is greater.<br>B.If the quantity in column B is greater.<br>C.If the two quantities are equal.<br>D.If the relationship cannot be determined from the information given.<br><br>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.<br><br>**Column A**<br>$\sqrt{18}/7 + \sqrt{18}$<br>**Column B**<br>7 | A. A<br>B. B<br>C. C<br>D. D |
| 6 | A famous painter has recently won a lawsuit against a major food manufacturer for commissioning a graphic designer to design the packaging of its chocolate chip cookies in the painter's distinctive style. As a result of the lawsuit, manufacturers will stop asking graphic artists to copy distinctive painting styles. Therefore, the cost of package design will rise because employing the services of known artists cost more than those of graphic designer that imitate their style.<br>Q:The conclusion above is based on which of the following assumptions? | A. Most people are unable to distinguish a famous artist's illustration from that of a good graphic artist imitating the painter's style<br>B. Manufacturers will use well-known painting styles in their packaging<br>C. The original version of some well-knows paintings are unavailable for use in packaging<br>D. Manufacturers will continue to use graphic artists to imitate the artistic style of famous painters |
| | | A. 4/π |

| 7 | Question Image | B. 1/1 |
| | | C. 2/3 |
| | | D. 1/2 |

| 8 | A total of 60 drawing note books were sold. If 20 percent of the first 20 sold were in color, 40 percent of the next 30 sold were in color, and 80 percent of the last 10 sold were in color, what percent of the 60 note books were in color? | A. 30%<br> |
| | | B. 40% |
| | | C. 60% |
| | | D. 20% |

| 9 | A number whose fifth part increased by 5 is equal to its fourth part diminished by 5, is: | A. 160 |
| | | B. 180 |
| | | C. 200 |
| | | D. 220 |

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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.
D.If the relationship cannot be determined from the information given.

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**Column A**
$(\sqrt{7})^2 + (\sqrt{7})^3$
**Column B**
$1/\sqrt{7}$

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

| 11 | If P represents the area and W represents the circumference of the circle, then P in terms of W is: | A. $2\pi/W$ |
| | | B. $4\pi^2/W$ |
| | | C. $2\pi^2/W^2$ |
| | | D. $W^2/4\pi$ |

| 12 | Gas heater in bedrooms has long been the main cause of home fires. Despite a significant decline in gas heaters in the last two decades, there has been no comparable decline in the number of people killed in home fires.<br>Q:Each one of the following statements, it true over the last two decades, helps to resolve the apparent discrepancy above EXCEPT: | A. Compared to other types of some fires, home fires caused by gas heaters in bedrooms usually cause relatively little damage before they are extinguished<br>B. Population densities have increased, with the result that one home fire can cause more deaths than in previous decades<br>C. Gas heater users often sleep in the morning<br>D. Home fires caused by gas heaters in bedroom often break out after the residents have fallen asleep |

| 13 | What is the average of first hundred natural numbers ? | A. 50 |
| | | B. 50.5 |
| | | C. 49.5 |
| | | D. 100 |

| 14 | If x and y are positive integers and $x^2 + 2y^2 = 41$, $2x^2 + y^2 = 34$, then $x^2 =$ | A. 6 |
| | | B. 8 |
| | | C. 75 |
| | | D. 9 |

| 15 | If 2x + 5y = 18 and x = 4 then what is the value of y? | A. 2 |
| | | B. 3 |
| | | C. 4 |
| | | D. 5 |

| 16 | What is the smallest number which when subtracted form 1.00060219 gives a perfect square number ? | A. 0.00210 |
| | | B. 210 |
| | | C. 0.00000210 |
| | | D. 0.210 |

| 17 | If the L.C.M and H.C.F of two numbers are 150 and 30 respectively, and one of the numbers is 18, find the other number ? | A. 250 |
| | | B. 180 |
| | | C. 150 |
| | | D. 170 |

| 18 | A study of residents in Gujrat found that one fourth of the children developed considerable levels of nearsightedness five years after starting school, while their illiterate age fellows, who had no opportunity for formal schooling, showed no signs of this disability.<br>Q:If the above statements are true, which of the following conclusions is most strongly supported by them? | A. Only literate people are nearsighted<br>B. Almost all schools in Gujrat are surrounded by forests<br>C. Visual stress required by reading causes nearsightedness<br>D. One-third of the children are illiterate |

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**19**

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

**Column A**

z

**Column B**

y

The average (arithmetic mean) of x and y is greater than the average of x and z..

**20** 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