

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

Sr	Questions	Answers Choice
1	Ayesha and Bisma together have \$20. Bisma and Adnan together have \$16. Ayesha and Adnan together have \$24. What is the smallest number of dollars that any girl has alone?	A. 4 B. 6 C. 10 D. 24
2	There is clear evidence that the mandated vaccination to children under age four has resulted in fewer child fatalities over the past five years. Compared to the five-year period prior to the passage of laws requiring the vaccination, fatalities of children under age four have decreased by 30 percent. Q:Which one of the following, it true, most substantially strengthens the argument above?	A. The fatality rate for other age groups has remained steady over the past five years B. Air pollution has been increased over the period of past five years C. Government has implemented a malaria control campaign last year D. Health conditions in the country are better than has been previously
		A. 256
3	Question Image	Β. 64π
O		C. 256π
		D. 64(4 - π)
4	If A > B an C < 0, then which of the following is not true?	A. AC < BC B. A + C > B + C C. A - C < B - C D. All of the above
5	If the mean (average) of 6 numbers is 4.5. What is the sum of the numbers?	A. 0.75 B. 10.5 C. 12 D. 27
6	How many three-digit number have only even digits?	A. 48 B. 58 C. 500 D. 300
7	If $81^{10} = 3^{x-7}$, what is the value of x ?	A. 47 B. 27 C. 51 D. 14
8	Most citizens are very conscientious about observing a law when they can see the reason behind it. For instance, there has been very little need to actively enforce the recently-Implemented law that increased the penalty for motorists caught leaving a gas station without paying for gas they had pumped into their vehicles. This is because citizens are very concerned about the high cost of gasoline and they know that stealing gas will only further increase the price of gasoline for everyone. Q:With which of the following statements would the author of this passage be most likely to agree?	A. The increased penalty alone is a significant motivation for most citizens to obey the law. B. There are still too many inconsiderate citizens in the local community C. High gasoline prices can be brought down if everyone does his or her part and pays for the gasoline they use at the pumps D. Society should make an effort to teach citizens the reasons for its laws
9	If p^2 - q^2 = 48 and p - q = 12, what is the average of p and q?	A. 4 B. 6 C. 2 D. 12
10	The total number of even prime numbers is:	A. 0 B. 1 C. 2 D. None of these
11	Question Image	A. 100 ^o B. 60 ^o C. 30 ^o D. 110 ^o
12	What percent of the students who failed the exam would have had to pass it, in order for percent of students passing the exam to be at least 77% out of 500 ?	A. 15% B. 21% C. 23% D. 27%
13	A cylinder and the cube have the same volume, if the height, h, of that cylinder is equal to	A. √π/h B. π/h

	the edge e of the cube, the radius of the cylinder is:	C. h/νπ D. 2π/h
14	The number of young adults that are illiterate has dropped significantly in a certain county over the last fifteen years. Education officials attribute this decrease entirely to improved conditions in the schools, which made for a better teaching environment, reducing the level of illiteracy. Q:Which of the following, if true, would most seriously weaken the education officials' explanation for the lower incidence of the disease?	A. Many similar improvements in school conditions have been made over the last twenty-five years in the county B. Home-schooling has not been more prevalent among the illiterate as compared to people who are not illiterate C. Because of a new assessment scale, many people who until this year would have been considered illiterate are now considered low-level readers D. The same percentage of the population has been tested every year for the last 30 years
15	If the radius of the circle is decreased by 20%, what happens the area?	A. 10% in crease B. 20% decrease C. 80% increase D. 36% decrease
16	A local board of education has decided to allow its Urdu teachers more freedom to customize the curriculum for their classes. The teachers can edit out those sections of the curriculum they are not interested in and add material of their own choosing. Q:The widespread use of the option mentioned above is LEAST likely to contribute to fulfilling which of the following educational objectives?	A. Coverage of material relevant to a particular a student specific needs B. Coverage of basic grammatical structures and the exceptions to these grammatical structures C. Ensuring that students nationwide engaged in a specific course of study are uniformly exposed to a basic set of readings D. Making the textbooks used in classes more satisfactory from the individual teacher's point of view
17	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. 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 B. Importing sports shoes from Macao to the Philippines will eliminate 25% of the manufacturing jobs in the Philippines 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 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>
18	The chairs in the school hall can be set out in 35 equal rows or in 45 equal rows or in 105 equal rows are:	A. 600 B. 400 C. 40 D. 80
19	A class of 30 girls and 40 boys sponsored a mango party. If 60 percent of the girls and 25 percent of the boys went on the party, what percent of the class went on the party?	A. 30% B. 35% C. 50% D. 40%
20	The average of the first 35 positive integers is:	A. 13 B. 17 C. 18 D. 19