

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

Sr	Questions	Answers Choice
	<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> <p>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.</p> <p>Column A The median of the 5 integers. Column B 70</p> <p>The average (arithmetic mean) of 5 positive integers is 70.</p>	<p>A. A B. B C. C D. D</p>
2	The smallest even number of three digits is:	<p>A. 98 B. 102 C. 998 D. 100</p>
3	If $2m = 4x$ and $2w = 8x$, what is m in terms of w ?	<p>A. $w - 1$ B. $w + 1$ C. $2w - 1$ D. $2w + 1$</p>
4	Which of the following is the average of $x^4 - 20$, $40 - x^4$, and $3x + 4$?	<p>A. $x^4 - 24$ B. $x + 8$ C. $x^4 + 3x + 24$ D. $x + 24$</p>
5	If $2x - 3 = 15$, what is the value of $(2x - 3)^2$?	<p>A. 81 B. 227 C. ± 225 D. 225</p>
6	<p>Harper's Pencils manufactures and sells the same pencils as Johnson's Supply. Employee wages account for forty percent of the cost of manufacturing pencils at both factories. Harper's is seeking a competitive edge over Johnson's supply. Therefore, to promote this end, Harper's should lower employee wages.</p> <p>Q: Which of the following, if true, seriously weakens the argument above?</p>	<p>A. Because they make a small number of specialty artist's pencils, pencil manufacturers cannot receive volume discounts on raw materials B. Lowering wages would reduce the quality of employee work and this reduced quality would lead to lowered sales C. Harper's Pencils has taken away twenty percent of Johnson's Supply business over the last year D. Johnson's Supply pays its employees, on average, ten percent more than does Harper's Pencils</p>
7	<p>Although most of the lucrative jobs in Pakistan will require a college degree, many of the new jobs require knowledge other than that gained in college or university. For workers in those jobs, good basic skills in reading, communication, and mathematics play an important role in getting a job and developing a career.</p> <p>Q: From the information given above it can be validly concluded that, in today's economy.</p>	<p>A. Employment agencies should conduct communication and mathematics classes B. All colleges and universities are worthless C. People should train their children for technical work D. Skills in reading, communication, and mathematics play an important role in developing a successful career</p>
8	The smallest 4-digit number using 7, 0, 8 and 9 is:	<p>A. 0879 B. 0789 C. 0978 D. 7089</p>

9	Question Image	A. 7 B. 15 C. 25 D. 35
10	A recipe requires 13 gram of sugar and 18 gram of flour. If only 100 gram of sugar is used, how much flour, to the nearest gram, should be used ?	A. 16 B. 13 C. 14 D. 17
11	Question Image	A. 6 B. 49 C. 8 D. Not possible
12	The tanneries claim that chemical waste dumps pose no threat to people living near them. If this is true, then why do they locate the plants in sparsely populated regions? By not locating the chemical dumps in densely populated areas the tanneries tacitly admits that these chemicals are potentially dangerous to the people living nearby. Q:Which of the following, if true, would most weaken the author's argument?	A. Funding through the environmental Super Fund to clean up poorly run waste dumps is reserved for rural areas only B. Until chemical dumps are proven 100% safe, it would be imprudent to locate them were they could potentially do the most harm. C. Locating the dumps in sparsely populated areas is less expensive and involves less government red tape D. The potential for chemicals to leach into the water table has in the past been underestimated E. People in cities are more likely to site the industry if their health is harmed by the drumps
13	$(a + b)(a - b) =$	A. $a(a - b) - b(a - b)$ B. $a(b - a) + b(a - b)$ C. $a(a + b) - b(b + a)$ D. $a(a - b) + b(b - a)$
14	Out of the 44 boys in a class, 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 5. Find the average age of the entire class.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
15	The average number of goals a team has scored in 7 matches is 8. They averaged 10 goals for the first 3 matches and they scored 5 goals in each of the next tow matches. What is the average score of the last two matches ?	A. 5 goals B. 4 goals C. 6 goals D. 8 goals
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	A dealer bought an ornamental jar for Rs. 7,000 and after some days sold it for Rs. 21,000. By what percent did the value of jar increase ?	A. 300 B. 200 C. 150 D. 20
18	If the ratio of x and y is $11/3$, what is the value of $2x$ to y ?	A. $11/6$ B. $22/6$ C. $22/3$ D. $11/5$
19	What is the probability that a two-digit number selected at random will be a multiple of '3' and not a multiple of '5'?	A. $2/15$ B. $4/15$ C. $1/15$ D. $4/90$
20	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