

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

Sr	Questions	Answers Choice
1	<p>Companies in the country of Jilsan sell transistor radios in the country of Kabana at a price that is below what it costs Kabanian companies to produce them. To help those Kabanian companies, the Kabanian legislature plans to set a minimum selling price for transistor radios imported into Kabana from Jilsan that is twelve percent greater than the average production costs for companies in Kabana.</p> <p>Q:Which of the following, if true, most seriously threatens the success of the plan?</p>	<p>A. The annual rate of inflation in Jilsan is expected to exceed twelve percent within the next year</p> <p>B. Kabana is not the only country where Jilsan manufacturers currently sell transistor radios</p> <p>C. Some Kabanian companies that sell transistor radios have announced that they plan to decrease their price for transistor radios</p> <p style="color: green;">D. Emerging companies in countries other than Jilsan will be able to sell transistor radios in Kabana at a price below what it costs Kabanian companies to manufacture them</p>
2	3/8 of a number is 10. What is the number ?	<p>A. 91</p> <p>B. 81</p> <p>C. 23</p> <p style="color: green;">D. 27</p>
3	Question Image <input style="width: 100%; height: 20px;" type="text"/>	<p>A. 2.6π</p> <p style="color: green;">B. 5.5π</p> <p>C. 7.6π</p> <p>D. $1/2\pi$</p>
4	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	<p>A. 13</p> <p style="color: green;">B. 23</p> <p>C. 27</p> <p>D. 5</p>
5	If $6 - a > 7$, then	<p>A. $a > 1$</p> <p>B. $a < -1$</p> <p style="color: green;">C. $a < -1$</p> <p>D. $a < 1$</p>
6	Question Image <input style="width: 100%; height: 20px;" type="text"/>	<p style="color: green;">A. $2(2 + \sqrt{2})$</p> <p>B. $4 + \sqrt{2}$</p> <p>C. $2 + \sqrt{2}$</p> <p>D. 4</p>
7	<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 number of primes that are divisible by 2.</p> <p>Column B The number of primes that are divisible by 5.</p>	<p>A. A</p> <p>B. B</p> <p style="color: green;">C. C</p> <p>D. D</p>
8	<p>Zahid has refused to work hard for the exam preparation; therefore, no more pocket money from his father should be provided to him.</p> <p>Q:Which of the following is an assumption made in the argument above?</p>	<p>A. Zahid is a dull student</p> <p>B. Pocket money of his brother Abid is more</p> <p>C. Money has no importance in Zahid's life</p> <p style="color: green;">D. Zahid is a greedy boy, and demand more metay from his father</p>
		<p>A. Planes are inspected by experienced engineers before flying</p>

9	<p>Traveling by cars is safer than traveling by planes. Eighty percent of plane accidents result in death of all passengers, while only one percent of car accidents result in death.</p> <p>Q:Which of the following, if true, would most seriously weaken the argument above?</p>	<p>B. The number of car accidents is several thousand times higher than the number of plane accidents</p> <p>C. Pilots are more trained than car drivers are</p> <p>D. Speed of car is lesser than that of planes</p>
10	<p>If it takes 10 minutes to walk $\frac{3}{7}$ mile, how many minutes will it take to walk the rest of the mile?</p>	<p>A. $2\frac{1}{3}$</p> <p>B. $13\frac{1}{3}$</p> <p>C. $4\frac{2}{7}$</p> <p>D. 30</p>
11	<p>Shockwave lithotripsy can be used to remove painful kidney stones. In contrast to surgery - the invasive procedure customarily used, extracorporeal shockwave lithotripsy poses little risk to patients. Thus, to guarantee patient safety in the attempt treat kidney stones, extracorporeal shockwave lithotripsy should replace kidney stone surgery in all cases.</p> <p>Q:Which of the following, if true, would most support the recommendation above?</p>	<p>A. Kidney surgery can be used to treat other ailments of the kidneys other than kidney stones.</p> <p>B. Extracorporeal shockwave lithotripsy was designed primarily in order to diagnose kidney stones.</p> <p>C. Kidney surgery can reveal more information about the cause of a stone than an extracorporeal shockwave lithotripsy can.</p> <p>D. An extracorporeal shockwave lithotripsy is just as likely as kidney surgery to successfully remove a kidney stone</p>
12	<p>If 60% of A is 30% of B, then B is what percent of A ?</p>	<p>A. 300%</p> <p>B. 30%</p> <p>C. 200%</p> <p>D. 3%</p>
13	<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 $(3^0)(9^1)$</p> <p>Column B 27</p>	<p>A. A</p> <p>B. B</p> <p>C. C</p> <p>D. D</p>
14	<p>The average height of five men is 68 inches.If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is</p>	<p>A. 68</p> <p>B. 69</p> <p>C. 70</p> <p>D. 71</p>
15	<p>A circle whose center is at (3, 4) passes through the origin. Which of the following points is not on the circle ?</p>	<p>A. (-1, 3)</p> <p>B. (-1, 1)</p> <p>C. (0, 0)</p> <p>D. (7, 7)</p>
16	<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 Q1.The product of the odd integers between -8 and 8.</p> <p>Column B Q1.The product of the even integers between -9 and 9.</p>	<p>A. A</p> <p>B. B</p> <p>C. C</p> <p>D. D</p>
17	<p>What is the probability of getting all six in a single throw of three unbiased dice?</p>	<p>A. $\frac{1}{6}$</p> <p>B. $\frac{125}{216}$</p> <p>C. $\frac{1}{36}$</p> <p>D. $\frac{1}{216}$</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.

- 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.

18 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

Column A

$$(-12)^n$$

Column B

$$(-12)^{n+1}$$

(n is a positive integer)

19 Two trains start simultaneously towards each other from two points A and B separated by a distance of 1200 miles. Train leaving A moves at an average speed of 80 miles per hour while train leaving B moves at an average speed of 120 miles per hour. After how much time will both trains meet and what distance would be covered by the train leaving A by then?

- A. 15 hours, 1200 miles
- B. 10 hours, 800 miles
- C. 6 hours, 480 miles
- D. 12 hours, 960 miles

20 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