

## GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	The least number which when divided by 12,15 and 18 leaves 5 as remainder in each case is:	A. 180 B. 175 <b>C. 185</b> D. 125
2	<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  <math>(-12)^n</math>                      Column B  <math>(-12)^{n+1}</math></p> <p>(n is a positive integer)</p>	A. A B. B C. C <b>D. D</b>
3	<p>Classical music occupies a unique and peculiar position in every culture. They are imperishable as cultural landmarks, but the emotions expressed in some of the folks are often superseded by newer tunes. However, the classics survive just as heritage, as imposing features of the society, yet unsuited for habitation unless remodeled.</p> <p>Q:The principal point put forth in the above passage is that classical works.</p>	A. ignored by young generation B. is an obstacle in the development in new tunes C. Should be stored in museums <b>D. Need our respect and admiration even if their tunes and ideas they express are no longer current</b>
4	What is the smallest number which when subtracted form 1.00060219 gives a perfect square number ?	A. 0.00210 B. 210 <b>C. 0.00000210</b> D. 0.210
5	A square, with perimeter 16, is inscribed in a circle, what is the area of the circle ?	A. $3\pi$ B. $2\sqrt{2}\pi$ C. $32\pi$ <b>D. <math>8\pi</math></b>
6	If 5 is subtracted from a certain number, the result is 7 less than twice the number. What is the number ?	<b>A. 2</b> B. 1/2 C. 5 D. 6
7	<p>Certain upgrades need to be made on each of the computers owned by Sami Publishers. The work of upgrading their 20 computers is mentally taxing. Employees are using the computers during the day, making it difficult for the computer technician to coordinate the block of time needed to work on each computer. Therefore, the most efficient time to upgrade the computers is between ten o'clock p.m. and eight o'clock a.m. when the computers are free.</p> <p>Q:Which of the following, if true, argues most strongly against the view that upgrades could be done more efficiently by scheduling them at night?</p>	A. Energy costs in businesses are greatly lower at night than they are during the day B. More blackouts occur between midnight and eight o'clock in the morning than at any other time C. Over the course of a year, the company's computers will require periodical checks and upkeep <b>D. Mental alertness is lower in the late night than during the day, especially in people not accustomed to working at night</b>
8	Question Image <input type="text"/>	A. Number of students taking math is equal to the number of students taking astronomy. <b>B. Number of students taking math is less than the number of students taking astronomy.</b> C. Number of students taking math is greater than the number of students taking astronomy.

		taking astronomy. D. Cannot find from the given information.
9	If 7 apples cost y cents, how many apples will x dollars buy?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$
10	If a is 20% of b, and b is 75% of c, then a is what percent of c?	A. 15 B. 55 C. 95 D. 40
11	How many polythene bags, each holding 8 ounces, are needed to hold 3 quarter of vegetable oil?	A. 8 B. 12 C. 14 D. 16
12	Wheat has more nutritional value than rye. But since oats have more nutritional value than rice, it follows that wheat has more nutritional value than rice. Q:Any of the following, if introduced into the argument as an additional premise, makes the argument above logically correct EXCEPT:	A. Wheat and oats have the same nutritional value B. Rye has more nutritional value than oats C. Rye has more nutritional value than rice D. Oats have more nutritional value than wheat
13	Question Image 	A. I only B. II only C. IV only D. I, II, IV
14	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.  <b>Column A</b> P <b>Column B</b> 0  (pq = 0)	A. A B. B C. C D. D
15	The product of two numbers is 2500. If their L.C.M is 125, then their H.C.F is:	A. 20 B. 250 C. 125 D. None of these
16	The size of the square which can be made using 256 square shapes with a side length of 6 cm is:	A. 16 cm B. 36 cm C. 2.67 (approx) cm D. 96 cm
17	In a school of 820 students, 55% are boys. The number of girls and the number of boys are:	A. 369 boys, 451 girls B. 281 boys, 539 girls C. 539 boys, 281 girls D. 451 boys, 369 girls
18	If circumference of a circle is $3\pi$ , then its area is:	A. $7\pi/2$ B. $9\pi^{2/2}$ C. $4\pi^{2/2}$ D. $9\pi/4$
19	If the ratio of boys and girls in a class is 3 : 5 and the class contains 24 students, how many additional boys would have to enroll to make the ratio of boys to girls 1 : 1 ?	A. 9 B. 15 C. 6 D. 12
	The tanneries claim that chemical waste dumps pose no threat to people living near them. If	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 where they could

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?

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 drums