GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	Zahid has refused to work hard for the exam preparation; therefore, no more pocket money from his father should be provided to him. Q:Which of the following is an assumption made in the argument above?	A. Zahid is a dull student B. Pocket money of his brother Abid is more C. Money has no importance in Zahid's life D. Zahid is a greedy boy, and demand more metay from his father
2	If 15 workers can paint a certain number of houses in 24 days, how many days will 40 workers take, working at the same rate, to do the same job ?	A. 12 days B. 18 days C. 15 days D. 9 days
3	If 2m= 4x and 2w= 8x, what is m in terms of w?	A. w - 1 B. w + 1 C. 2w - 1 D. 2w + 1
4	Three times the first of three consecutive odd integers is 3 more than twice the third. What is the third integer ?	A. 11 B. 12 C. 15 D. 13
5	If $xy > 0$ and $x < 0$, which of the following negative ?	A. $-x$ B. $-y$ C. y D. xy
6	Question Image	A. $3\sqrt{3}$ B. $36\sqrt{3}$ C. 81 D. $81\sqrt{3}$
7	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. **Column A** x + y **Column B** xy (x and y are nonzero integers)	A. A B. B C. C D. D
8	More sports journals are sold in Horn by than in Milston. Therefore, the residents of Horn by are better informed about major sporting events than are the residents or Milston. Q:Each of the following, if true, weakens the cor clu,on above EXCEPT:	A. Horn by has a larger population than Milston B. Most residents of Milston work in Horn by and buy their reading material there C. The average newsstand price of journals sold in Horn D. None of these
9	A bag contains 20 marbles: 6 green, 10 brown, and 4 white. If one marble is removed randomly, what is the minimum number that must be removed to be certain that you have at least 2 marbles of each colour	A. 16 B. 18 C. 10 D. 15
10	A rectangular field which is twice as long as it is broad, has an area of 14450 m^2 , what is its perimeter ?	A. 85 m B. 510 m C. 165 m D. 170

| 11 | If a circle is inscribed in a square of area 4, then the area of the circle is: | A. π
B. π/2
C. π/4
D. 3π/4 |

| 12 | How many two-digit numbers are there which are divisible by 6 ? | A. 17
B. 18
C. 16
D. 15 |

| 13 | In an vitro study, 160 white cats were injected with saltx. 160 other white cats were injected with placebo. In two weeks, 39% of the white cats, who were injected with SaltX showed symtoms of Kay fever? Hence, it can be concluded that Kay fever is caused by some elements similar to the elements in SaltX.Q:Which of the following would most strengthen the argument above? | A. Some of the elements in SaltX are extracted from the root of a certain polsonous herb of Hunzaroot of a certain poisonous herb of Hunza
B. The blood test of the victims of Kay fever revealed the presence of a toxic element in their blood, normally found in salt X
C. Almost all the white cats died within two days after the first symptom appeared
D. Normally the rate of Kay fever among white cats is less than 0.01%
E. Within two weeks, about 40% of the white cats, who were injected with placebo, also contracted Kay fever |

| 14 | 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% |

| 15 | In an examination, Rizwana has more marks than that of Fauzia. Shugufta hasfewermarks than that of Zahid. Fauzia and Abid have more marks than that of Shugufta.
Q:If the above is true, which of the following most also be true? | A. Fauzia has fewer marks than that of Shugulta
B. Rizwana has more points than that of Shugufta
C. Fauzia has fewer points than that of Zahid
D. Zahid has more points than that of Rizwana |

| 16 | 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.

Column A
The amount of rain that falls in 1 month in Punjab.
Column B
The amount of rain that falls in 2 months in Punjab. | A. A
B. B
C. C
D. D |

| 17 | If the base of a rectangle is increased by 40% and its altitude is decreased by 20% then its area is: | A. decreased by 20%
B. increased by 12%
C. decreased by 12%
D. increased by 16% |

| 18 | If 5x > 2 and 12/2 x ≤ 4, list all the possible integral values of x ? | A. 2, 3, 4, 5, 6
B. 1, 2, 3, 4, 5, 6, 7, 8

C. 2, 3
D. 1 |

| 19 | Unreported underground industries get no productivity support from the government. On the other hand, some industries that are run entirely by self-employed industrialists are included in national productivity measures.
Q: From the information given above, it can be validly concluded that | A. All self-employed industries are under ground
B. Underground industries should be banned because of their low productivity
C. there are at least some industries other than those run entirely by self-employed industrialists that are underground industries
D. Underground industries should be merged in large industries |

| 20 | 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. $h/\sqrt{\pi}$
D. $2\pi/h$