GAT-A Business and Engineering Quantitative

Sr	Questions	Answers Choice
1	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles?	A. 19.2 B. 12.8 C. 8.5 D. 38
2	Find the value of x if 3 : b = x : c.	A. 3b/c B. c/3b C. 2c/3b D. 3c/b
3	If a train travels 5/6 mile in 1 1/4 minutes, how many miles will it travel in 1 hour?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
4	Find the ratio of 18 inches to 2 yards.	A. 3/4 B. 1/4 C. 1/5 D. 2/5
5	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555 and 630. Find the population of ninth village if the average population of nine villages is 900.	A. 1200 B. 1065 C. 1030 D. 1800
6	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
7	A man bought 20 used laptops at $200 each, 9 at $300 each, and 6 at $100 each. Find the average price per laptops	A. $250.55 B. $208.57 C. $400.50 D. $380
8	The average height of a class of 14 boys is 5.3 feet. A new boy is admitted to the class. The new average of height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
9	A and B can do a job in 6 days. If A do the job alone he takes 10 days. What will be the time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
10	The average of x,y,z and 40 is 10. What is the average of x,y and z.	A. 10 B. 0 C. 2 D. 15
11	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
12	A clerk filed 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday, and 66 on Friday. What was the average number of forms filed per day?	A. 50 B. 95 C. 84 D. 74
13	The average income of a family of 6 members is Rs. 5000. The income of two of them is Rs.12000. What is income of the remaining 3 persons?	A. 120000 B. 90000 C. 5000 D. 18000
14	Mr. Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60?	A. 120 B. 60 C. 100 D. 70
15	Question Image	A. 325 B. 225 C. 125 D. cannot be exactly determined from the given information

16	Question Image	A. 50 B. 75 C. 25 D. 65
17	Question Image	A. 400 B. 375 C. 600 D. 800
18	Question Image	A. 35 B. 25 C. 27 D. 50
19	Question Image	A. 25.25 B. 36.5 C. 42.5 D. 35
20	Question Image	A. 20 B. 17 1/2 C. 35 D. 12 1/2
21	Question Image	A. Number of students taking math is equal to the number of students taking astronomy. B. Number of students taking math is less than the number of students taking astronomy. C. Number of students taking math is greater than the number of students taking astronomy. D. Cannot find from the given information.
22	From 2005 to 2006 the number of male earning PhD increased by s%, and the number of female earning PhD decreased by t%. What is the value of s-t?	A. 225 B. 200 C. 275 D. 250
23	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%
24	Question Image	A. 50 B. 20 C. 35 D. 10
25	Question Image	A. 35 B. 25 C. 10 D. 29

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.

26	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
The average (arithmetic mean) of the measures of the three angles of an equilateral triangle.
Column B
The average (arithmetic mean) of the measure of the three angles of a right triangle.

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.

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.

27

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
The product of the integers.
Column B
The average of the integers.

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.

28

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
The average (arithmetic mean) of 3,4 and 5
Column B
The average (arithmetic mean) of 2,3,7 and 8

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.

29

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
The median of the 5 integers.
Column B
70

The average (arithmetic mean) of 5 positive integers is 70.

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.

30

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
The average of the old integers from 1 to 100.
Column B
The average of the even integers from 1 to 100.