**MATHEMATICS**

If the mean of n observations is 12 and the sum of the observations is 132, then find the value of n@9@10@11@12@0010

The range of the data 14, 15, 18, 25, 11, 40, 36, 30 is: @29@27@24@26@1000

The median of 5, 7, 9, 10, 11 is:@7@9@11@10@0100

The mean of the data 15, 20, 20, 16, 22, 17, 23, 18, 24, 25, is:@26@22@20@18@0010

If the mode of 22, 21, 23, 24, 21, 20, 23, 26, x and 26 is 23, then x is:@20@21@23@24@0010

If the mean of 5, 7, x, 10, 5 and 7 is 7, then find the value of x.@6@7@8@9@0010

The mean of p, q and r is same as the mean of q, 2r and s. Then which of the following is correct? @p = q = r@q = r = s@q = r@p = r + s@0001

The mean weight of 21 students is 21 kg. If a student weighing 21 kg is removed from the group, the what is the mean weight of the remaining students?@20 kg@21 kg@19 kg@None of these@0100

Find the area of the shaded part of the given figure, if the radius of the larger circle is 21 cm, and diameter of the both smaller circles is 14 cm. @1078 cm<sup>2</sup>@1098 cm<sup>2</sup>@1100 cm<sup>2</sup>@908 cm<sup>2</sup>@1000

A sum of M12, 500 amounts to M15, 500 in 4 years at the rate of simple interest. What is the rate of interest?@5%@6%@7%@8% ⇒3000 = ⇒R = 6%@0100

The range of the data 15, 18, 17, 16, 14, x, 12, 10, 9, 15 is 9. Which of the following is true about x?@ x > 18@x < 9@9 ≤ x ≤ 18@None of these@0010

There are 7 observations in the data and their mean is 11. If each observation is multiplied by 2, then find the new mean.@11@13@22@None of these@0010

From a series of 50 observations, an observation with the value of 45 is dropped, but the mean remains the same. What was the mean of 50 observations?@ 50@49@45@40@0010

A bastman scores 80 runs in his 6th inning and thus increases his average by 5. What is his average after 6th inning?@66@55@56@65@0100

Find the altitude of a triangle whose base is 40 cm and area is 240 cm<sup>2</sup>?@8 cm@12 cm@14 cm@10 cm@0100

Find the cost of painting a wall with dimension 25 m by 9 m at the rate of M120 per square metre.@M25000@M24550@M29450@M27000@0001

Priya earned M25000 in a month. The given graph shows the amount of money saved by Priya in five months. What was the amount of money she spent in five months?@M970000@M100000@M107000@M117000@0010

The mean of three numbers is 40. All the three numbers are different natural numbers. If lowest is 19, what could be highest possible number of remaining two numbers?@ 81@40@100@71@0010

The given bar graph shows heights of selected lakes. Find the difference in elevation for Lake E and Lake C@420 m@604 m@504 m@692 m@0100

Find the mode from the following data:@ 32@37@30@34@0100

In the frequency distribution of discrete data given below, the frequency p against value 3 is missing. If the mean is 2.5, then the missing frequency p will be@0@10@30@4@0001

If the mean of 4, x and y is 6, then find the mean of x, y and 10@10@12@3@8@0001

A batsman scored the following number of runs in six innings: 35, 30, 45, 65, 39, 20.The mean runs scored by him in an inning is@39@38@37@40@1000

The mean of the numbers 10,20, 30 and 40 is@ 20@25@30@50@0100

The range of the weights (in kg) of a students of a class given below is:49, 60, 47, 50, 47, 59, 58, 45, 53@10@15@20@2@0100

The marks of 11 students of a class are as given below:78, 11, 99, 63, 94, 6, 78, 36, 30,55, 22The range of marks is@ 90@91@92@93@0001

<img src="39\_Q.gif" >@0@3@6@7@0001

The mode of the distribution 3, 5, 7, 4, 2, 1, 4, 3, 4 is@7@4@3@1@0100

The marks of some students are as given below: 30, 31, 32, 32, 33, 32, 34, 35, 30, 31, 33, 32 Find the mode of their marks.@30@31@32@33@0010

The median of the distribution 2, 3, 4, 7, 5, 1, 6 is@1@2@3@4@0001

The median of the data 20, 30, 40, 10, 15, 25, 35 is@ 20@25@30@40@0100

Which of the following statements is true?@ The mode is always one of the numbers in a data @The mean is always one of the numbers in a data@Mean< Mode in a data @Median< Mode in a data@1000

A coin is tossed. What is the probability of getting head?@0@1@1/2@2@0010

A coin is tossed. What is the probability of getting tail?@1@1/2@2@0@0100

A die is thrown. What is the probability of getting 1?@ 0@1@1/2@1/6@0001

A die is thrown. What is the probability of getting 6?@0@1/6@1/2@1@0100

Read the following bar graph and answer the following related questions<br /><img src="49\_Q.gif" ><br />Who got the maximum marks? @Apala@Meenu@Saroj@Indu@1000

Read the following bar graph and answer the following related questions<br /><imgsrc="49\_Q.gif" ><br />Who got the maximum marks?@Apala@Meenu@Vimla@Indu@0100

Read the following bar graph and answer the following related questions<br /><imgsrc="49\_Q.gif" ><br />The difference between maximum and minimum mark is@100@200@400@500@0001

Read the following bar graph and answer the following related questions<br /><img src="49\_Q.gif" ><br />The ratio between the marks obtained by Saroj and Vimla is@1:2@2: 3@3: 4@1:6@1000

Read the following bar graph and answer the following related questions<br /><img src="49\_Q.gif"><br />How many girls have got marks more than 100?@2@3@4@1@0010

Read the following bar graph and answer the following related questions<br /><img src="49\_Q.gif" ><br />Who has got 400 marks? @Vimla@Saroj@Indu@Apala@1000

Read the following bar graph and answer the following related questions<br /><img src="49\_Q.gif" ><br />The difference between the marks obtained by Vimla and Saroj is how many times the difference between the marks obtained by Meenu and Saroj?@2@3@4@6@1000

Read the following bar graph and answer the following related questions<br /><img src="49\_Q.gif" ><br />How many girls have got marks less than 600?@1@2@3@4@0001

Sale of Mathematics and English books in the year 2005, 2006, 2007 and 2008 are given below:<br /><img src="57\_Q.gif" ><br />Answer the following related question</br />In which year is the difference in the sale minimum?@2008@2007@2006@2005@1000

Sale of Mathematics and English books in the year 2005, 2006, 2007 and 2008 are given below:<br /><img src="57\_Q.gif" ><br />Answer the following related question</br />In which year is the difference in the salemaximum?@2005@2006@2007@2008@0010

Sale of Mathematics and English books in the year 2005, 2006, 2007 and 2008 are given below:<br /><img src="57\_Q.gif" ><br />Answer the following related question</br />The ratio of sales in the year 2005 is@2: 1@3: 1@4: 1@2: 3@1000

Sale of Mathematics and English books in the year 2005, 2006, 2007 and 2008 are given below:<br /><img src="57\_Q.gif" ><br />Answer the following related question</br />The rise in the sale of Mathematics books from 2005 to 2008 is@ 100@200@300@400@:0010

Sale of Mathematics and English books in the year 2005, 2006, 2007 and 2008 are given below:<br /><img src="57\_Q.gif" ><br />Answer the following related question</br />The fall in the sale of English books from 2006 to 2007 is@ 50@100@150@200@1000

Number of children in six different classes are given below:<br /><img src="62\_Q.gif"><br />Answer the following related questions<br />In which class is the number of children maximum?@6@7@8@9@1000

Number of children in six different classes are given below:<br /><img src="62\_Q.gif"><br />Answer the following related questions<br />In which class is the number of children minimum?@8@9@10@11@0001

Number of children in six different classes are given below:<br /><img src="62\_Q.gif"><br />Answer the following related questions<br />The difference between the maximum and minimum number of children is@100@200@300@400@0100

Number of children in six different classes are given below:<br /><img src="62\_Q.gif"><br />Answer the following related questions<br />In how many classes is the number of children less than 500?@2@4@5@6@0001

Number of children in six different classes are given below:<br /><img src="62\_Q.gif"><br />Answer the following related questions<br />In how many classes is the number of children more than 100?@6@4@3@1@1000

Number of children in six different classes are given below:<br /><img src="62\_Q.gif"><br />Answer the following related questions<br />The ratio of the number of children of class 6 and 11 is@3: 1@2: 1@2: 3@1: 4@0100

Number of children in six different classes are given below:<br /><img src="62\_Q.gif"><br />Answer the following related questions<br />The total number of children is@ 1775@1675@1575@1785@1000

The difference between the upper and lower limit is called@group@class size@class interval@class mark@0100

A process which results in some well defined outcome is known as@ outcome@event@experiment@frequency@0010

What is the median of the data 46,64,87, 41,58,77,35,90,55,33,92?@ 87@77@58@60.2@0010

In a bar chart, a bar of length 4 cm is drawn. If 1 cm = 1.5 l, what will 4 cm be?@3 l@6 l@5l@9 l@0100

The mean weight of 100 students in a class is 46 kg. The mean weight of boys is 50 and of girls is 40 kg. Therefore, the number of boys is:@50@60@70@65@0100

The probability of an experiment cannot be greater than:@0@0.5@1@2@0010

The maximum probability an event can have is 100/100 = 1/1 = 1 The number of times an observation occurs in a data is called its@Range@Rawdata@Interval@Frequency@0001

Suppose in a game of ludo, the player requires 1, 3, 5 and 6 to be safe. What is the probability of being unsafe?@4/6,@3/6,@2/6,@1@0010

When a coin is thrown, total number of possible outcomes is \_\_\_\_\_\_.@5@2@6@None of these@2<img src="78\_Q.gif" >@<img src="78\_A1.gif" >@<img src="78\_A2.gif" >@<img src="78\_A3.gif" >@<img src="78\_A4.gif" >@0100

There are 2 red, 3 blue and 5 black balls in a bag. A ball is drawn from the bag without looking in to the bag. What is the probability of getting a non-blue ball?@3/5,@7/10,@2/5,@None of these@0100

Hari is playing snakes and ladders. He wants a six on first dice and a four on other so as to win. What is the probability for him to win if 2nd dice already has a 4?@6/6,@1/6,@4/6,@1/2@0100

The mean of 6, y, 7, x and 14 is 8. Which of the following is true?@x+y = 13@x−y =13@2x+3y = 13@x 2+y = 15@1000

There are 2 red, 3 blue and 5 black balls in a bag. A ball is drawn from the bag without looking in to the bag. What is the probability of getting a non-red ball?@4/5, @2/5, @3/5,@None of these@1000

If 1 cm = 15 students, what will be the length of line for 90 students?@4 cm@6 cm@6 students@9 cm@0100

The mean of five numbers is 27. If one of the numbers is excluded, the mean gets reduced by 2. What is the excluded number?@35@27@25@40@1000

Find the mean if the sum of 18 observations is 90.@5@4@6@9@1000

The arithmetic mean of five given numbers is 85. What is their sum?@425@85@A number between 85 and 425.@A number greater than 500.@1000

What is the probability of getting a sum of 13 when 2 dice are rolled?@13/12@1/12,@4/12,@none of these@0001

Two dice are thrown, find and number of outcomes@12@6@36@None of these@0010

<img src="89\_Q.gif" >@24@22@28@23@0001

There are 2 red, 3 blue and 5 black balls in a bag. A ball is drawn from the bag without looking in to the bag. What is the probability of getting a black ball?@2/5,@3/5, @1/2, @None of these@0010

How many possible outcomes can we get if we toss a coin and throw a dice respectively?@ 6, 2@2, 6@1, 3@3, 1@0100

A coin has 3 sides and hence 2 outcomes and a dice has 6 faces, so 6 outcomes.

Questions 25-28 are based on the given table:<br /><img src="92\_Q.gif" ><br />Find the Median of people watching sports@ 1240@470@510@430@0100

A coin has 3 sides and hence 2 outcomes and a dice has 6 faces, so 6 outcomes.

Questions 25-28 are based on the given table:<br /><img src="92\_Q.gif" ><br />Which sport is least popular?@Athletics@Cricket@Basket Ball@Hockey@1000

A coin has 3 sides and hence 2 outcomes and a dice has 6 faces, so 6 outcomes.

Questions 25-28 are based on the given table:<br /><img src="92\_Q.gif" ><br />Find Mean of people participating in sports@320@330@323@340@0010

A coin has 3 sides and hence 2 outcomes and a dice has 6 faces, so 6 outcomes. Questions 25-28 are based on the given table:<br /><img src="92\_Q.gif" ><br />Which sport is most popular?@Cricket@Basket Ball@Swimming@Hockey@1000

In the class-interval 70-80, 80 is the@lower limit@upper limit@frequency@range@0100

Mode of the observations 1, 2, 2, 4, 4, 5, 6, 7, 7, 7, 8, 8, 9 is:@2@4@7@8@0010

The heights of six mountains are 8200 m, 6000 m, 8600 m, 7500 m, 8800 m and 6500 m. Based on this information, answer the questions given. Rakesh and Sanjay planned to go trekking on any of these mountains. They wrote the heights on chits of paper, shuffled them and picked one. What is the probability that the height picked is the maximum?@1/3,@2/3,@1/6,@1/4,@0010

The median of 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11is: @5@6@7@8@0100

A dice thrown at random. What is the probability of getting of 2?@1/6, @2/6,@3/6,@4/6, @0010