

# Mathematics – Class 6

## Data Handling

1. The maximum marks obtained by any student is

- (A) 95      (B) 78      (C) 75      (D) 25.

Answer: (A)

.

2. The minimum marks obtained by any student is

- (A) 95      (B) 78      (C) 75      (D) 25.

Answer: (D)

3. How many students got the same marks?

- (A) 2      (B) 3      (C) 4      (D) 5.

Answer: (A)

4. The difference between the maximum and minimum marks obtained is

- (A) 60      (B) 50      (C) 70      (D) 80.

Answer: (C)

.

5. How many students got 75 or more marks?

- (A) 1      (B) 2      (C) 3      (D) 4

Answer: (C)

6. How many students got marks below 60?

- (A) 1      (B) 2      (C) 3      (D) 4.

Answer: (D)

7. How many students got marks between 60 and 75?

- (A) 1      (B) 2      (C) 3      (D) 4.

Answer: (C)

Observe the following table and answer the related questions:

<b>Blood groups</b>	<b>Number of students</b>
A	9
B	6
O	12
AB	3
<b>Total</b>	<b>30</b>

8. Which blood group is the most common?

- (A) A      (B) B      (C) O      (D) AB.

Answer: (C)

9. Which blood group is the rarest?

- (A) AE      (B) B      (C) A      (D) O.

Answer: (A)

10. What is the total number of students?

- (A) 30      (B) 15      (C) 20      (D) 10.

Answer: (A)

11. The maximum frequency is

- (A) 12      (B) 9      (C) 6      (D) 3.

Answer: (A)

12. The minimum frequency is

- (A) 3    (B) 6    (C) 9    (D) 12

Answer: (A)

13. The difference between maximum and mini-mum frequency is

- (A) 3    (B) 6    (C) 9    (D) 12.

Answer: (C)

14. The ratio of the frequencies of blood groups AB and B is

- (A) 1:2    (B) 1:3    (C) 2:3    (D) 3:4.

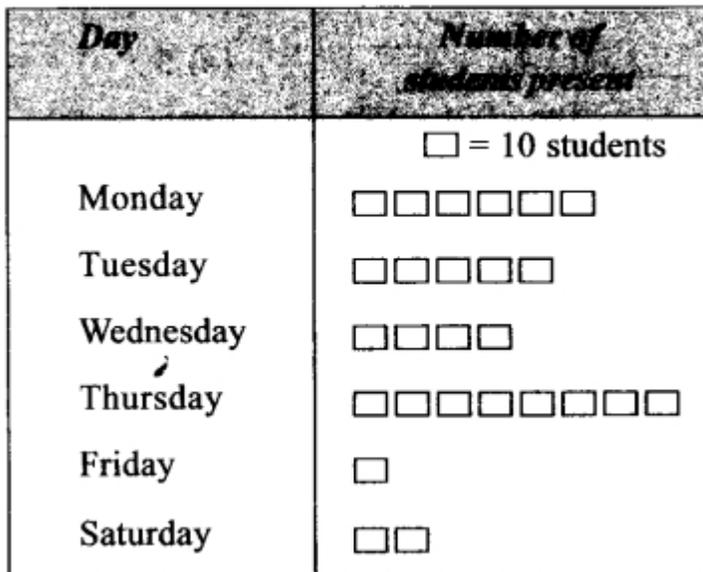
Answer: (A)

15. The ratio of the frequencies of blood groups B and O is

- (A) 1:3    (B) 2:3    (C) 3 :4    (D) 1:2.

Answer: (D)

Observe the following pictograph and answer the related questions :



16. On which day were the maximum number of students present?

- (A) Monday    (B) Thursday    (C) Tuesday    (D) Saturday.

Answer: (B)

17. On which day were the minimum number of students present?

- (A) Friday      (B) Saturday      (C) Thursday      (D) Wednesday.

Answer: (A)

18. The number of students present on Friday is

- (A) 10      (B) 20      (C) 40      (D) 50.

Answer: (A)

19. On how many days were more than 20 students present?

- (A) 1      (B) 2      (C) 3      (D) 4.

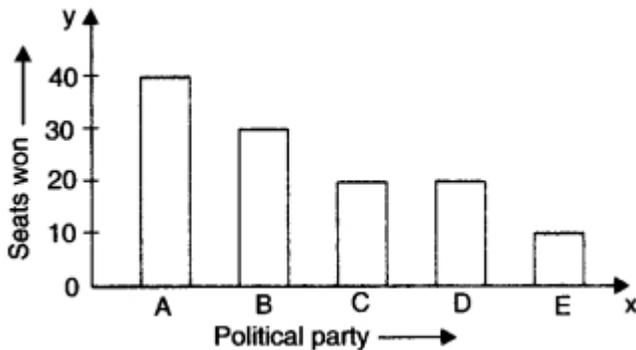
Answer: (D)

20. On how many days were less than 20 students present?

- (A) 1      (B) 2      (C) 3      (D) 4.

Answer: (A)

Observe the following bar graph and answer the related questions:



21. Which political party won the maximum number of seats?

- (A) A      (B) B      (C) C      (D) D.

Answer: (A)

22. Which political party won the minimum number of seats?

- (A) A      (B) B      (C) D      (D) E.

Answer: (D)

23. Which two political parties won the same number of seats?

- (A) C,D      (B) C, E      (C) D, E      (D) B, D.

Answer: (A)

24. What is the difference between the maximum and minimum numbers of seats won?

- (A) 10      (B) 20      (C) 30      (D) 40.

Answer: (C)

25. How many parties won more than 20 seats?

- (A) 1      (B) 2      (C) 3      (D) 4.

Answer: (B)

26. How many parties won less than 60 seats?

- (A) 2      (B) 3      (C) 5      (D) 4.

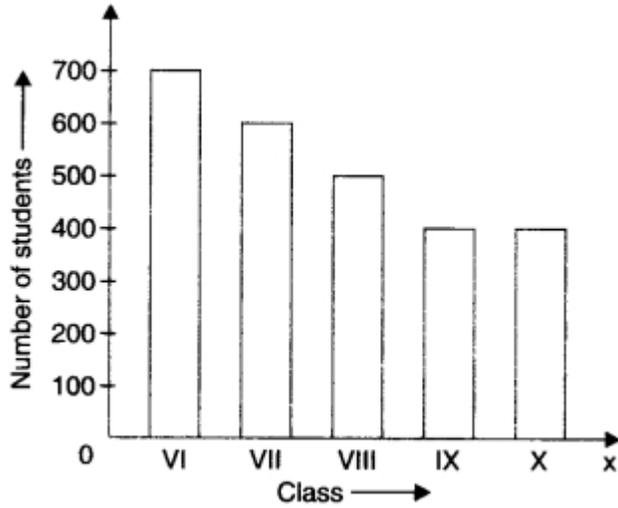
Answer: (C)

27. What is the total number of seats won by party C and party D?

- (A) 10      (B) 20      (C) 30      (D) 40.

Answer: (D)

Observe the following bar graph and answer the related questions:



28. In which class is the number of students maximum?

- (A) VI      (B) VIII      (C) IX      (D) X.

Answer: (A)

29. In which class/classes is the number of students minimum?

- (A) IX,X      (B) VIII      (C) VI      (D) VII.

Answer: (A)

30. In which classes is the number of students are same?

- (A) IX,X      (B) VI,VII      (C) VIII,IX      (D) VI,X.

Answer: (A)

31. In which class is the number of students 500?

- (A) VIII      (B) VII      (C) IX      (D) X.

Answer: (A)

32. What is the difference between the maximum and the minimum number of students?

- (A) 100      (B) 200      (C) 300      (D) 400.

Answer: (C)

33. In how many classes is the number of students are same?

- (A) 2      (B) 3      (C) 4      (D) 5.

Answer: (A)

34. What is the difference between the number of students of class VI and class VII?

- (A) 100      (B) 200      (C) 300      (D) 400.

Answer: (A)

35. What is the total number of students?

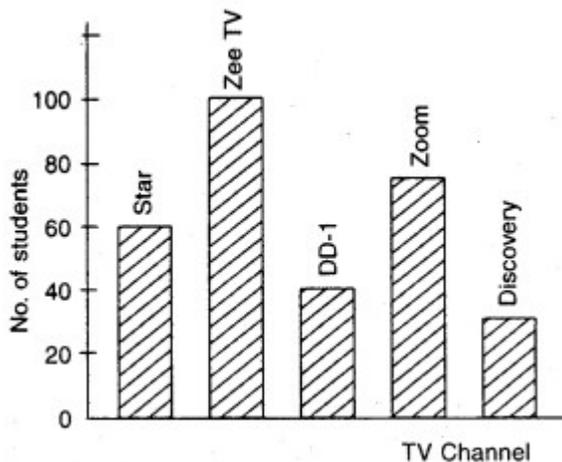
- (A) 2600      (B) 2000      (C) 3600      (D) 1600.

Answer: (A)

36. What is the ratio of the number of students of class X and class IX ?

- (A) 1:1      (B) 1:2      (C) 2:1      (D) 1:4.

Answer: (A)



37. How many students like DD -1 ?

- (A) 20      (B) 40      (C) 60      (D) 80

Answer: (B)

38. How many students like Star channel?

- (A) 40      (B) 60      (C) 80      (D) 100

Answer: (B)

39. Which TV channel is liked by least number of students?

- (A) Star      (B) DD &#8211; 1      (C) Zoom      (D) Discovery

Answer: (D)

40. Which TV channel is more favourable?

- (A) Star      (B) Zee TV      (C) DD &#8211; 1      (D) Zoom

Answer: (B)

41. How many students like Discovery?

- (A) 25      (B) 30      (C) 50      (D) 60

Answer: (B)

42. Bars of uniform width can be drawn \_\_\_\_\_ with equal spacing between them and then the length of each bar represents the given number.

- (A) horizontally      (B) horizontally or vertically      (C) vertically      (D) None of these

Answer: (B)

43. A coin is tossed. Which of the following is the probability of getting a head or tail?

- (A) 0      (B) 1      (C)  $\frac{1}{2}$       (D) None of these

Answer: (C)

44. A \_\_\_\_\_ is a collection of numbers gathered to give some information.

- (A) frequency      (B) data      (C) tally mark      (D) None of these

Answer: (B)

45. A \_\_\_\_\_ represents data through pictures of objects.

- (A) histogram      (B) pictograph      (C) bar graph      (D) None of these

Answer: (B)

46. What is the number of houses represented by the figure  $\uparrow\uparrow\uparrow\uparrow$  if each symbol represents 15 houses?

- (A) 60      (B) 20      (C) 15      (D) 40

Answer: (A)

47. The \_\_\_\_\_ of each bar gives the required information.

- (A) breadth      (B) height      (C) length      (D) None of these

Answer: (C)

48. What is a graph drawn using vertical bars called?

- (A) A bar graph      (B) A line graph      (C) A pictograph      (D) A pie graph

Answer: (A)

49. If O represents 5 eggs how many eggs does OOOO represent?

- (A) 4      (B) 16      (C) 20      (D) 25

Answer: (C)

50. Which of the following is the probability of an impossible event?

- (A) 0      (B) 1      (C) 2      (D) None of these

Answer: (A)

51. If  $\square\square\square\square$  stands for 300, what do  $\square\square$  stand for?

- (A) 60      (B) 100      (C) 120      (D) 260

Answer: (B)

52. A symbol is used to represent 100 flowers. How many symbols are to be drawn to show 800 flowers?

- (A) 8      (B) 12      (C) 10      (D) 80

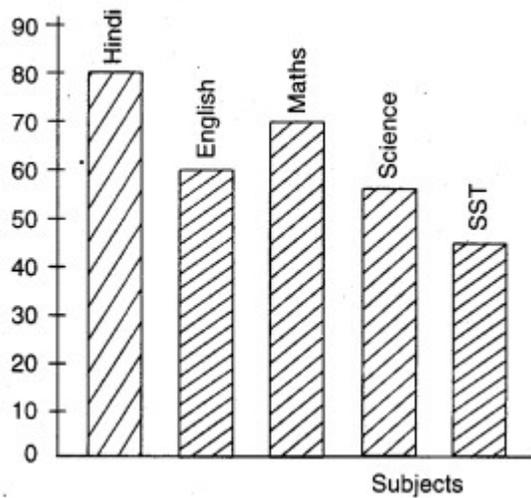
Answer: (A)

53. If  $*$  represents 5 balloons, number of symbols to be drawn to represent 60 balloons is

- (A) 5      (B) 60      (C) 10      (D) 12

Answer: (D)

Observe the following bar graph and answer the following questions:



54. Minimum marks obtained in the subject:

- (A) Hindi      (B) English      (C) SST      (D) Science

Answer: (C)

55. Total marks obtained in all the subjects are:

- (A) 300      (B) 310      (C) 320      (D) 340

Answer: (B)

56. Marks obtained in Mathematics are:

- (A) 60      (B) 70      (C) 55      (D) none of these

Answer: (B)

57. Maximum marks have been obtained in the subject:

- (A) Hindi      (B) English      (C) Maths      (D) Science

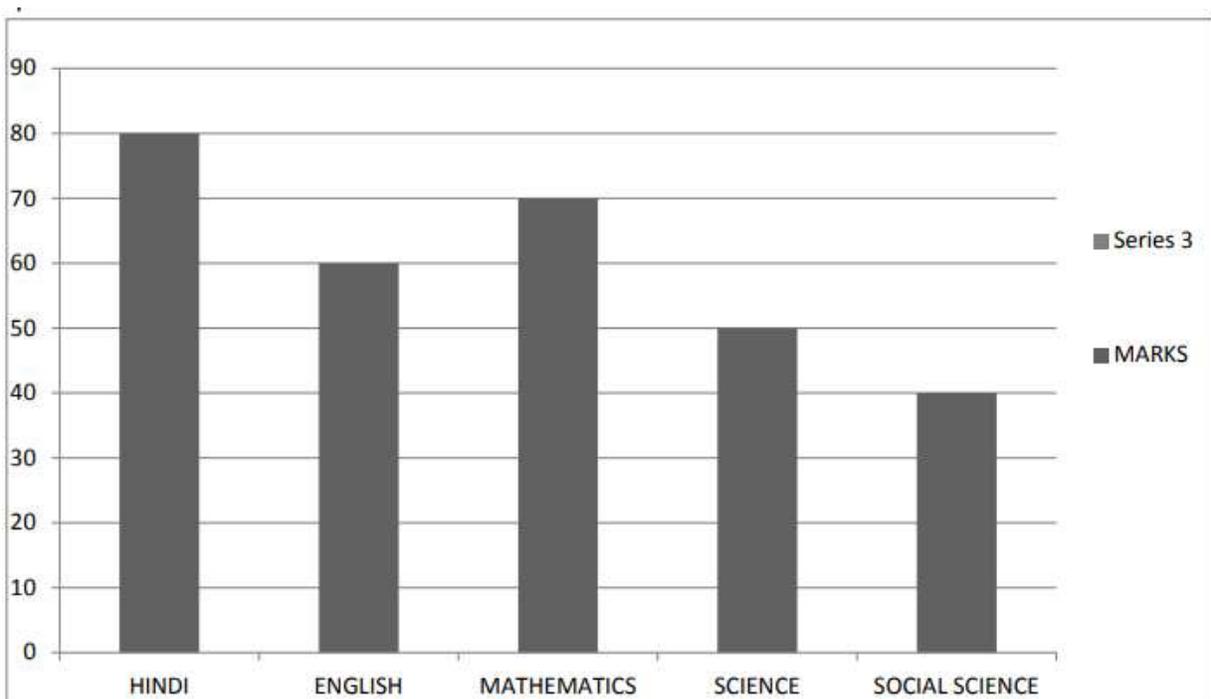
Answer: (A)

58. Marks obtained in Hindi are:

- (A) 60      (B) 70      (C) 80      (D) 90

Answer: (C)

The following bar graph shows the marks obtained by Ramesh in different subjects in the Session Ending Examination-2020. Read the graph and answer the following questions?



59. In which of the following subjects Ramesh scored maximum marks?

(A) ENGLISH (B) HINDI (C) MATHEMATICS (D) SCIENCE

Ans : (B)

60. In which of the following subjects Ramesh scored minimum marks?

(A) SOCIAL SCIENCE (B) HINDI (C) MATHEMATICS (D) SCIENCE

Ans : (A)

61. Which of the following is the difference between the maximum & the minimum marks?

(A) 30 (B) 40 (C) 20 (D) 10

Ans : (B)

62. What is the total marks obtained in all the five subjects ?

(A) 250 (B) 300 (C) 200 (D) 100

Ans ; (B)

Question: Following table shows the number of bicycles manufactured in a factory during the year 1998 to 2002. Read the table and answer the questions given bellow-

image

<b>Years</b>	<b>No.of bicycles manufactured</b>
<b>1998</b>	<b>800</b>
<b>1999</b>	<b>600</b>
<b>2000</b>	<b>900</b>
<b>2001</b>	<b>1100</b>
<b>2002</b>	<b>1200</b>

63. What is the difference between number of bicycles manufactured in 2002 and 1999 ?

A) 600 B) 800 C) 500 D) 1200

Answer: A

Question: Following table shows the number of bicycles manufactured in a factory during the year 1998 to 2002. Read the table and answer the questions given below

image

<b>Years</b>	<b>No.of bicycles manufactured</b>
<b>1998</b>	<b>800</b>
<b>1999</b>	<b>600</b>
<b>2000</b>	<b>900</b>
<b>2001</b>	<b>1100</b>
<b>2002</b>	<b>1200</b>

64. How many bicycles were manufactured from 1998 to 2002?

- A) 4600      B) 4000      C) 2400      D) 2800

Answer: A

Question: Following table shows the number of bicycles manufactured in a factory during the year 1998 to 2002. Read the table and answer the questions given below

image

<b>Years</b>	<b>No.of bicycles manufactured</b>
<b>1998</b>	<b>800</b>
<b>1999</b>	<b>600</b>
<b>2000</b>	<b>900</b>
<b>2001</b>	<b>1100</b>
<b>2002</b>	<b>1200</b>

65. In which year were the maximum number of bicycles manufactured ?

- A) 1999      B) 2002      C) 1998      D) 2000

Answer: A

Question: Following table shows the number of bicycles manufactured in a factory during the year 1998 to 2002. Read the table and answer the questions given below

image

<b>Years</b>	<b>No.of bicycles manufactured</b>
<b>1998</b>	<b>800</b>
<b>1999</b>	<b>600</b>
<b>2000</b>	<b>900</b>
<b>2001</b>	<b>1100</b>
<b>2002</b>	<b>1200</b>

66. In which year were the maximum number of bicycles manufactured ?

- A) 2002      B) 1999      C) 2001      D) 2000

Answer: A

67. In a bar graph the width of the rectangle is

- A) equal      B) decreasing      C) increasing      D) Unequal

Answer: A

68. The tally mark image shows frequency \_\_\_\_\_

- A) 6      B) 5      C) 0      D) 4

Answer: A

69. In a bar graph space between rectangles is always \_\_\_\_\_

- A) equal      B) decreasing      C) increasing      D) Unequal

Answer: A

70. Representation of data in the form of picture is called \_\_\_\_\_

- A) pictograph      B) histogram      C) none of these      D) bar graph

Answer: A

71. Listings of the data in the form in which these are collected are known as

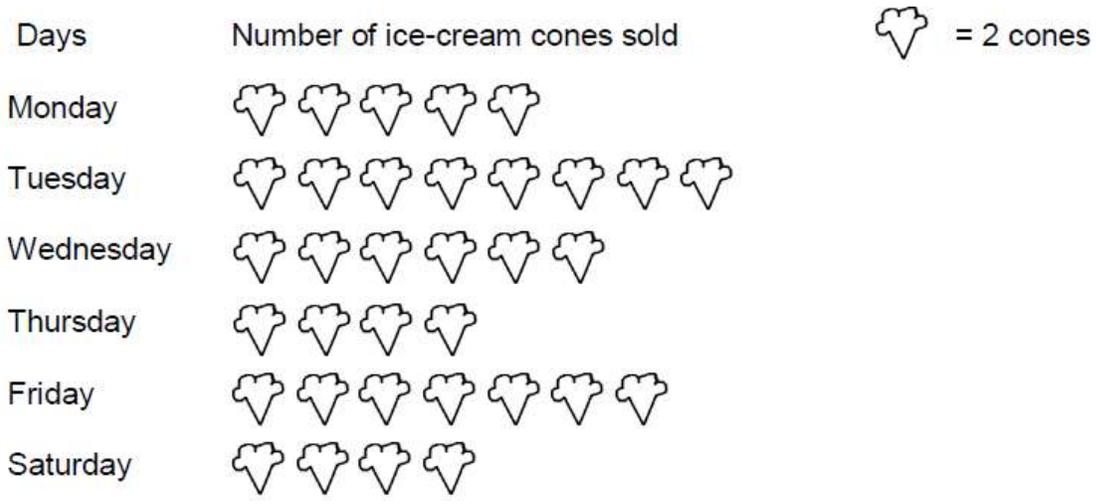
- A) Secondary data      B) Arrayed data      C) Raw data      D) Organized data

Answer: C

72. In a bar graph bars are made \_\_\_\_\_

- A) sometime horizontally some time vertically      B) vertically      C) Horizontally      D) oblique

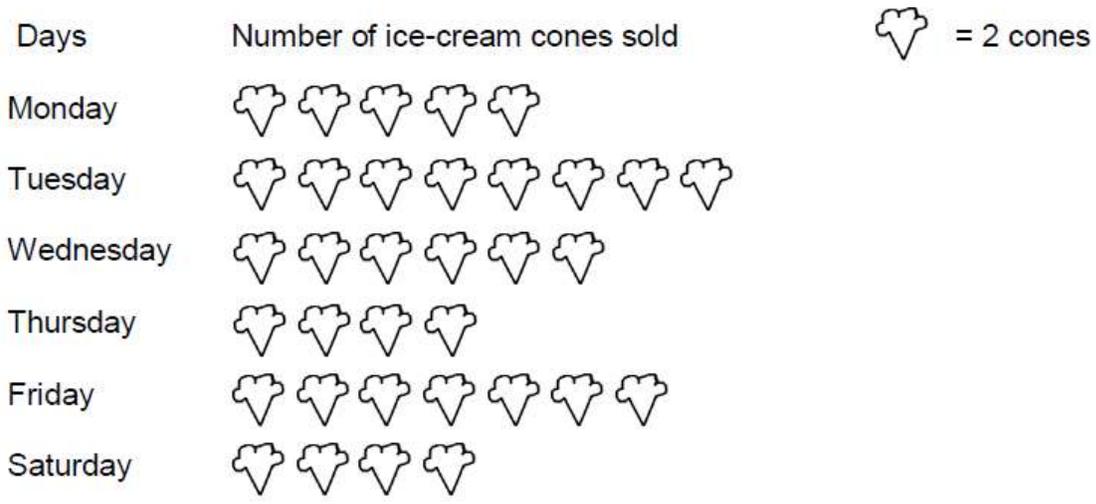
Answer: A



73. The minimum number of ice cream cones were sold on.

- A) Thursday and Saturday    B) Tuesday    C) Monday    D) Wednesday

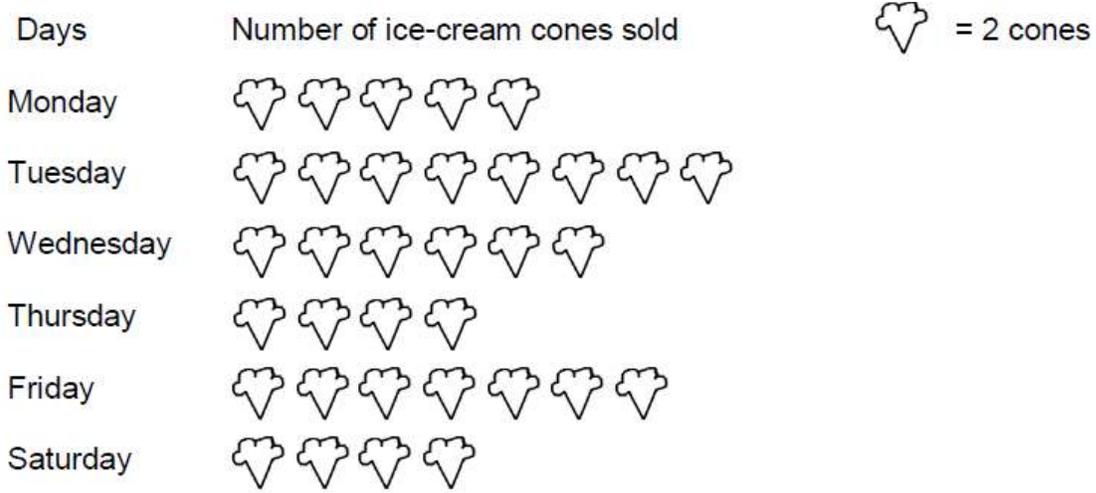
Answer: A



74. The maximum number of ice cream cones were sold on

- A) Wednesday    B) Friday    C) Tuesday    D) Thursday

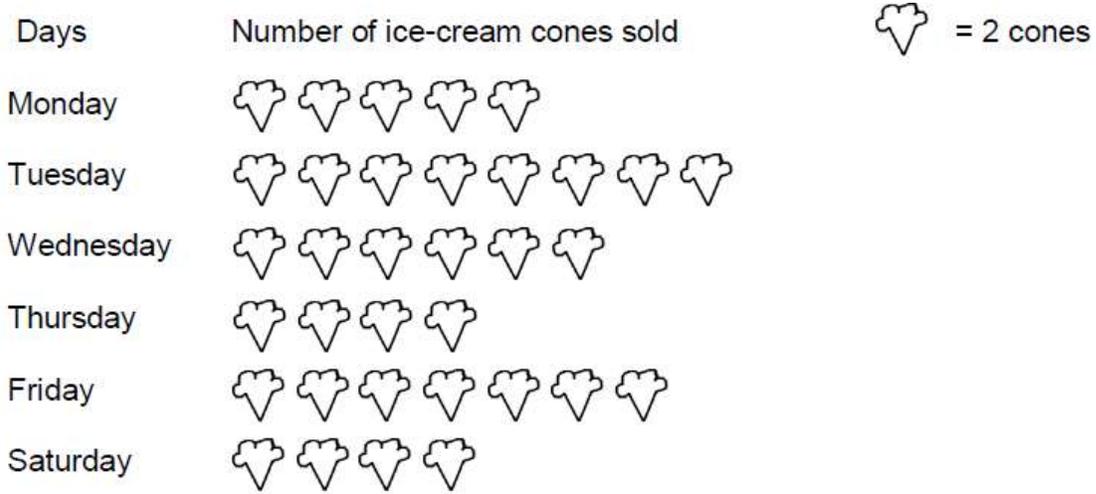
Answer: C



75. Ratio of the number of ice cream cones sold on Saturday to the number of ice cream cones sold on Wednesday is

- A) 4:7      B) 2:3      C) 4:5      D) 3:2

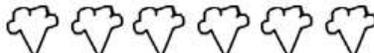
Answer: D



76. Total number of ice cream sold during the whole week was

- A) 68      B) 65      C) 57      D) 33

Answer: A

Days	Number of ice-cream cones sold	 = 2 cones
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		

77. If the cost of one ice cream cone is Rs.20, then the sale value on Thursday was

- A) Rs.140    B) Rs.100    C) Rs.160    D) Rs.1340

Answer: C

78. The mean of the first 6 odd natural numbers is

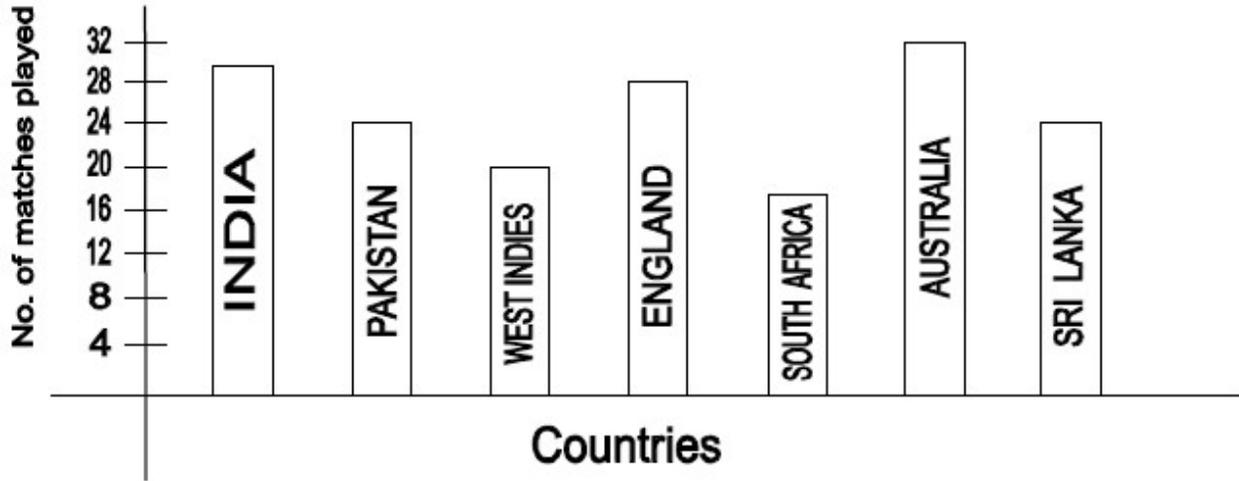
- A) 6    B) 6.5    C) 5    D) 5.5

Answer:A

79. The medium of the numbers 4,4,7,5,7,6,7,3,11 is

- A) 5    B) 6    C) 7    D) 4

Answer: C

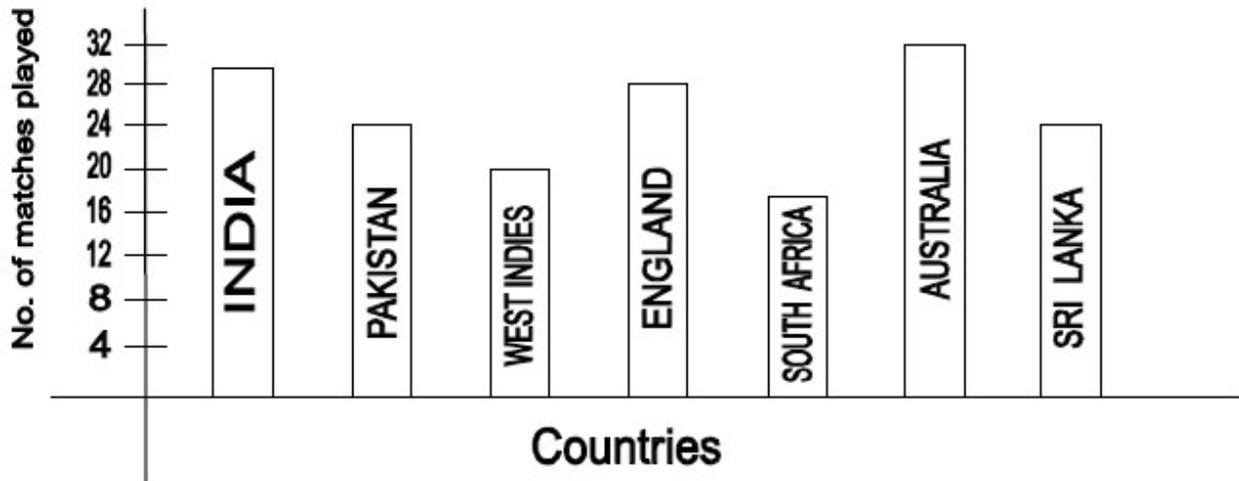


80. Which country played maximum number of matches?

- A) Australia    B) Pakistan    C) England    D) India

Answer: A

Question:

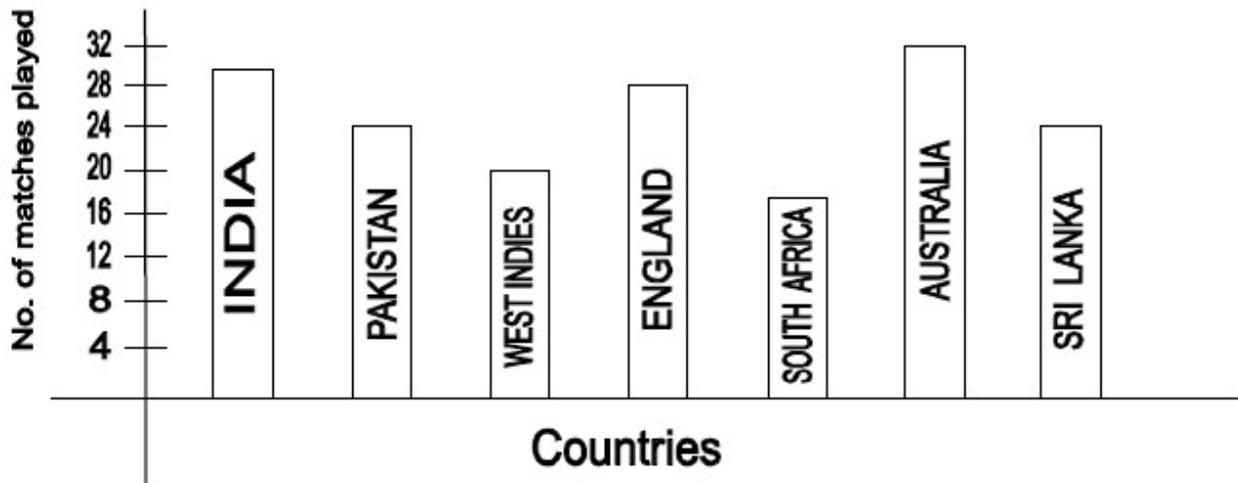


81. How many matches did South Africa play?

- A) 20    B) 18    C) 16    D) 24

Answer: C

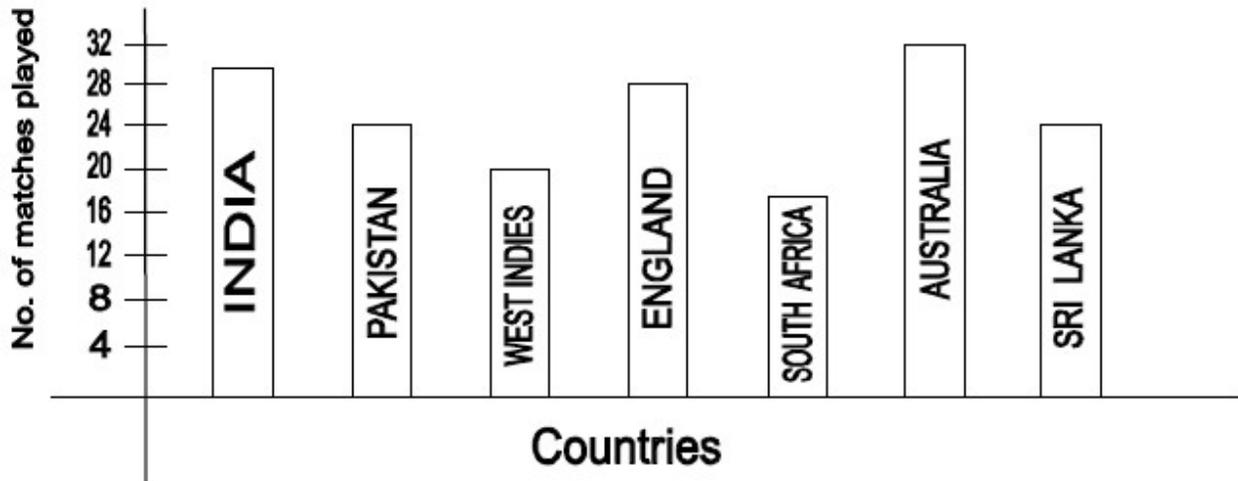
Question:



82. How many more matches were played by India than Pakistan

- A) 30    B) 12    C) 24    D) 6

Answer: D



83. Ratio of the number of matches played by India to the number of matches played by Sri Lanka is

- A) 7:6    B) 4:3    C) 5:4    D) 4:5

Answer: A

84. The median of the numbers 3,1,0,6,5,3,4,1,2,2 is

- A) 2.5    B) 3    C) 2    D) none of these

Answer: A

85. If O represents 5 eggs how many eggs does OOOO represent?

- (A) 4      (B) 16      (C) 20      (D) 25

Answer (C)

86. The \_\_\_\_\_ of each bar gives the required information.

- (A) breadth      (B) height      (C) length      (D) None of these

Answer (C)

87. What is a graph drawn using vertical bars called?

- (A) A bar graph      (B) A line graph      (C) A pictograph      (D) A pie graph

Answer (A)

88. Which of the following is the probability of an impossible event?

- (A) 0      (B) 1      (C) 2      (D) None of these

Answer (A)

89. A symbol is used to represent 100 flowers. How many symbols are to be drawn to show 800 flowers?

- (A) 8      (B) 12      (C) 10      (D) 80

Answer (A)

90. . If \* represents 5 balloons, number of symbols to be drawn to represent 60 balloons is

- (A) 5      (B) 60      (C) 10      (D) 12

Answer (D)

91. A coin is tossed. Which of the following is the probability of getting a head or tail?

- (A) 0      (B) 1      (C)  $\frac{1}{2}$       (D) None of these

Answer (C)

92. Bars of uniform width can be drawn \_\_\_\_\_ with equal spacing between them and then the length of each bar represents the given number.

- (A) horizontally    (B) horizontally or vertically    (C) vertically    (D) None of these

Answer (B)

93. What is the number of houses represented by the figure  $\uparrow\uparrow\uparrow\uparrow$  if each symbol represents 15 houses?

- (A) 60    (B) 20    (C) 15    (D) 40

Answer (A)

94. If  $\square\square\square\square$  stands for 300, what do  $\square\square$  stand for?

- (A) 60    (B) 100    (C) 120    (D) 260

Answer (B)

95. A \_\_\_\_\_ is a collection of numbers gathered to give some information.

- (A) frequency    (B) data    (C) tally mark    (D) None of these

Answer (B)

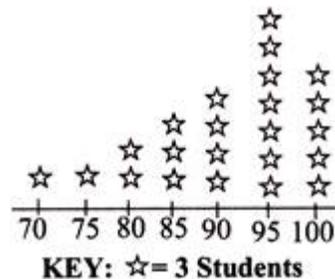
96. A \_\_\_\_\_ represents data through pictures of objects.

- (A) histogram    (B) pictograph    (C) bar graph    (D) None of these

Answer (B)

The line plot below shows how students scored on last week's Science test?

Science Test Scores

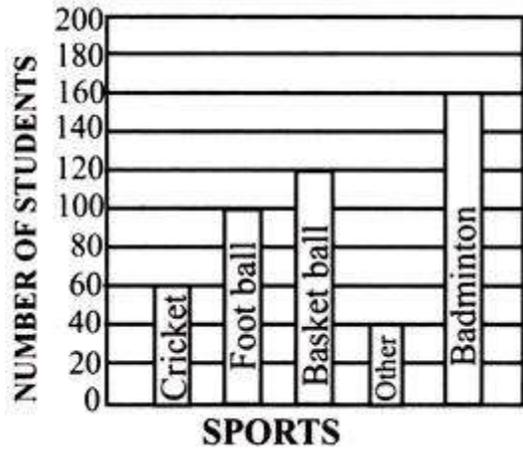


97. How many students scored 90 or more in the test?

- A) 12    B) 37    C) 48    D) 16

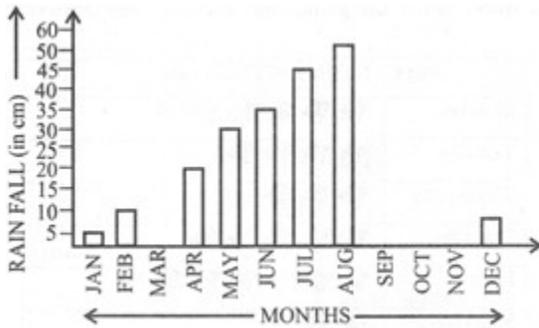
Answer: C

99. Mukesh surveyed the student of his school to determine their favorite sport. The results are shown in the graph. How many more students like basketball than football?



- A) 60                      B) 120                      C) 20                      D) 40

Answer: C



100. Which month has 20 cm rainfall?

- A) April                      B) June                      C) August                      D) September

Answer: A