**Aarambh classes**

**Class VIII(CBSE)**

**Maths test**

**Data handling**

**Time : 1hour M.Marks : 25**

1. The daily income (in rupees )of 30 workers is given below :

83,96,91,80,97,111,90,83,112,120,103,77,82,90 ,70,

68,89,85,78,105,94,97,90,89,102,113,90,106,70,84

Construct a frequency table using groups 65-75,75-85,85-95,95-105,105-115,115-125.

1. The percentage of marks obtained by a student in different subjects are given below :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Subject | Hindi | Science | English | Mathematics | S.Studies |
| % of marks obtained | 65 | 70 | 75 | 85 | 60 |

Draw a bar graph to represent the above data.

1. The following table shows the monthly budget of a family :

|  |  |
| --- | --- |
| **Item** | **Expenses** |
| Food | 4800 |
| Clothing | 2400 |
| Rent | 1800 |
| Education | 600 |
| Miscellaneous | 1600 |
| Savings | 800 |
| Total | 12000 |

Draw a pie chart to represent the above data.

1. The weight of 40 boys of class IX of a school are given below .Draw a histogram.

|  |  |
| --- | --- |
| Weight (in kgs) | No . of boys |
| 46-50 | 2 |
| 50-54 | 6 |
| 54-58 | 10 |
| 58-62 | 12 |
| 62-66 | 7 |
| 66-70 | 3 |
| Total | 40 |

1. There are 52 cards in a pack of playing cards .what is the probability a card drawn at random is (i) red (ii)an ace (iii)2 of hearts (iv)number 9 and black