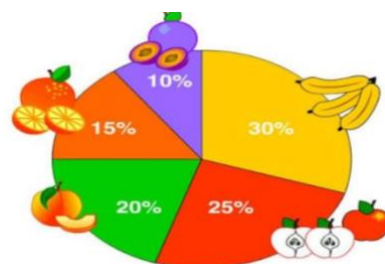


SATISH CHANDRA MEMORIAL SCHOOL
CLASS TEST
STD VIII
DATA HANDLING

F.M : 12

I. Choose the correct option(Only answer): **(1×2=2)**

1. The pie chart below represents the favourite fruits of a group of students. If 24 students prefer banana and this represents 30% of the chart, how many students are there in total?



a) 40	b) 60	c) 80	d) 100
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2. A bag contains 5 red, 7 blue, and 8 green balls. If a ball is drawn at random, what is the probability that it is not a blue ball?

a) 13	b) 7/20	c) 1/20	d) 13/20
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II. Answer the following questions (Show your calculations):

3. The following pie chart shows the distribution of students in different clubs of a school. **(2)**

(a) If 45 students are in Music Club then how many of them are in Sports Club ?

(b) Find the sum of the number of students in Dance and Sports Club.



4. From a deck of 52 cards, Justin picks up one card at random. **(2)**

(a) What is the probability of it being a 'Red Queen'?

(b) What is the probability of it being a 'face card'?

5. A spinning wheel is divided into 8 sectors each of which is marked with one of the numbers 1 to 8.

(a) What is the probability of getting a number not greater than 6? **(3)**

(b) What is the probability of getting a number greater than 8 ?

(c) What is the probability of getting a composite number?

6. A survey was conducted to know the favourite sports of 120 students in a school. The results are shown in the table below.

(a) Calculate the central angle for each sports to be represented in a pie chart .

(b) Draw a pie chart to represent this data.

(3)

Sports	No. Of students
Cricket	35
Football	40
Badminton	25
Table tennis	20