Answer the questions

(1) The following bar chart shows the marks obtained by Patricia in her class 5 examinations.

(a) Name the subject in which Patricia obtained the maximum marks.
(b) Name the subject in which Patricia obtained the least marks.
(c) What is her combined score in Geography and Drawing.

(2) Following are the marks obtained by 44 students in Geography. Arrange these marks in a table using tally marks.

<table>
<thead>
<tr>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 2 5 2 9 7 9 2 8 5 2</td>
</tr>
<tr>
<td>5 6 8 5 5 6 8 2 7 2 9</td>
</tr>
<tr>
<td>6 5 2 8 2 6 3 5 6 2 6</td>
</tr>
<tr>
<td>2 3 5 7 2 6 5 6 6 8 3</td>
</tr>
</tbody>
</table>

(a) How many students obtained more than 6 marks?
(b) How many students obtained marks equal to or below 2?
(3) The following pictograph shows the number of books in 5 bags.

<table>
<thead>
<tr>
<th>Bag</th>
<th>Books</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>![Image of 5 books]</td>
</tr>
<tr>
<td>2</td>
<td>![Image of 10 books]</td>
</tr>
<tr>
<td>3</td>
<td>![Image of 2 books]</td>
</tr>
<tr>
<td>4</td>
<td>![Image of 5 books]</td>
</tr>
<tr>
<td>5</td>
<td>![Image of 10 books]</td>
</tr>
</tbody>
</table>

Find the following.
(a) Bags with the maximum number of books.
(b) Bags with the minimum number of books.
(c) Total number of books in all the bags.

(4) The following bar chart shows the amount of wheat purchased (in tons) by the government from 1985 to 1990.

Find the year in which
(a) The Government purchased the maximum amount of wheat.
(b) The Government purchased the minimum amount of wheat.

(5) The chart shows the production of different apparels in a garment factory. If the production of jackets was 7500 pieces, find the production of trousers.
(6) The following pictograph shows the number of televisions manufactured in 5 factories.

<table>
<thead>
<tr>
<th>Factory</th>
<th>Televisions ((\square = 5) televisions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

Find the following:
(a) The factory which manufactures the maximum number of televisions.
(b) The factory which manufactures the minimum number of televisions.
(c) Total number of televisions manufactured by all the factories in a day.

(7) The following bar chart shows the daily consumption of sugar in a city:

(a) Find the day when consumption of sugar is maximum.
(b) Find the day when consumption of sugar is minimum.
(c) What was the consumption of sugar on Monday?

(8) The chart shows the production of different vegetables in a farm. If the production of onions was 14250 kg, find the combined production of onions and cauliflowers.
(9) The following bar chart shows the amount of wheat and sugar produced (in tons) in Bihar from 2005 to 2009.

Find the year in which:
(a) The total production of wheat and sugar was maximum.
(b) The total production of wheat and sugar was minimum.

(10) The following bar chart shows the import and export done (in millions) from 1983 to 1987.

Find the year(s) when:
(a) The difference in the export and import was maximum.
(b) The difference in the export and import was minimum.
The following pictograph shows the number of boys in each class of a boys school.

<table>
<thead>
<tr>
<th>Class</th>
<th>Number of boy students (♂ = 3 boys)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>![Image]</td>
</tr>
<tr>
<td>2</td>
<td>![Image]</td>
</tr>
<tr>
<td>3</td>
<td>![Image]</td>
</tr>
<tr>
<td>4</td>
<td>![Image]</td>
</tr>
<tr>
<td>5</td>
<td>![Image]</td>
</tr>
<tr>
<td>6</td>
<td>![Image]</td>
</tr>
<tr>
<td>7</td>
<td>![Image]</td>
</tr>
</tbody>
</table>

Find:
(a) The class which has the maximum number of boys.
(b) The class which has the minimum number of boys.
(c) The total number of boys in the school.

A survey was done at Lotus Valley School to find the modes of transport used by the students to reach the school. The result of the survey is shown through the circle chart shown below:

Which is the most preferred means of transport for coming to school?

A survey was done in all schools of Austin, where each student was asked for their favorite sport. Result of survey is shown in the circle chart.

Which is the least liked sport among students in Austin?
Choose correct answer(s) from the given choices

(14) The following bar chart shows the number of fruits in a shop.

From the given data, we can see that there are 30 less _________ than plums.

a. mangoes  

b. bananas  

c. pears  

d. apples

(15) The following bar chart shows the number of fruits in a shop.

There are _______ less papayas than plums.

a. 40  
b. 60  
c. 50  
d. 70

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Answers

(1)  (a) Maths
     (b) English
     (c) 130

(2)  | Marks | Tally Marks | Number of students |
     | 2     | 11         | 11                |
     | 3     | 3          | 3                 |
     | 4     | 9          | 9                 |
     | 5     | 9          | 9                 |
     | 6     | 9          | 9                 |
     | 7     | 3          | 3                 |
     | 8     | 5          | 5                 |
     | 9     | 4          | 4                 |

   (a) 12
   (b) 11

(3)  (a) 2
     (b) 3
     (c) 32

(4)  (a) 1988
     (b) 1987

(5)  2500 pieces.

(6)  (a) 4
     (b) 5
     (c) 155

(7)  (a) Sunday
     (b) Monday
     (c) 4000 kg

(8)  23750 kg.

(9)  (a) 2009
     (b) 2008

(10) (a) 1983, 1985 and 1987
     (b) 1986

(11) (a) 4
     (b) 2
     (c) 129

(12) School bus

(13) Football

(14) a. mangoes

(15) c. 50