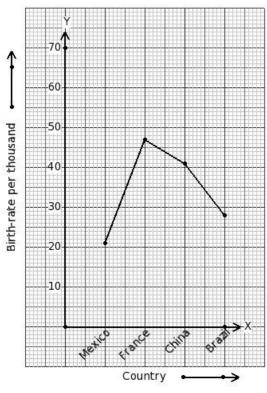
Name : Chapter Based Worksheet

Chapter : Statistics
Grade : ICSE Grade VII

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The birth-rate per thousand of 4 countries over a period of time is shown below. Identify the table for the given line graph.



/i)	Country	Mexico	France	China	Brazil
(1)	Birth-rate per thousand	14	47	41	28

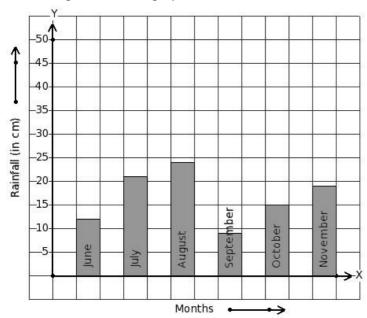
(ii)	Country	Mexico	France	China	Brazil
(11)	Birth-rate per thousand	21	54	41	28

(iii)	Country	Mexico	France	China	Brazil
(111)	Birth-rate per thousand	21	47	41	28

(iv)	Country	Mexico	France	China	Brazil
(IV)	Birth-rate per thousand	21	47	41	35

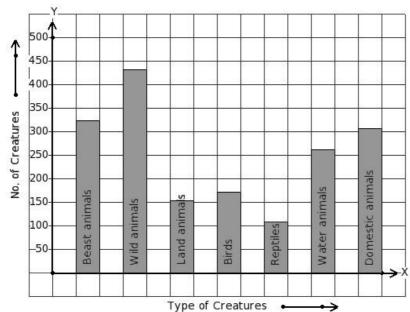
()()	Country	Mexico	France	China	Brazil
(V)	Birth-rate per thousand	21	47	35	28

2. Read the given column-graph. Find the month that has 9 cm rainfall.



(i) July (ii) October (iii) September (iv) August (v) November

3. There are 1755 creatures in a zoo as shown in the bar graph. Identify the table for the given bar diagram.



(i)	Type of Creatures	Beast animals	Wild animals	Land animals	Birds	Reptiles	Water animals	Domestic animals
	No. of Creatures	261	324	153	108	306	432	171

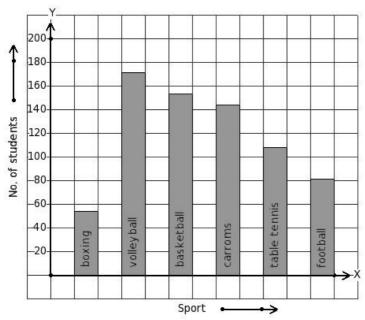
(ii)	Type of Creatures	Beast animals	Wild animals	Land animals	Birds	Reptiles	Water animals	Domestic animals
	No. of Creatures	324	432	153	171	108	261	306

(iii)	Type of Creatures	Beast animals	Wild animals	Land animals	Birds	Reptiles	Water animals	Domestic animals
	No. of Creatures	108	324	153	432	171	306	261

(iv)	Type of Creatures	Beast animals	Wild animals	Land animals	Birds	Reptiles	Water animals	Domestic animals
	No. of Creatures	108	261	153	306	171	324	432

(v)	Type of Creatures	Beast animals	Wild animals	Land animals	Birds	Reptiles	Water animals	Domestic animals
	No. of Creatures	108	261	432	306	171	153	324

4. The following bar graph gives data regarding the favourite sport of 711 students of a school. Identify the table for the given bar diagram.



(i)	Sport	boxing	volleyball	basketball	carroms	table tennis	football
(1)	No. of students	54	144	81	153	171	108

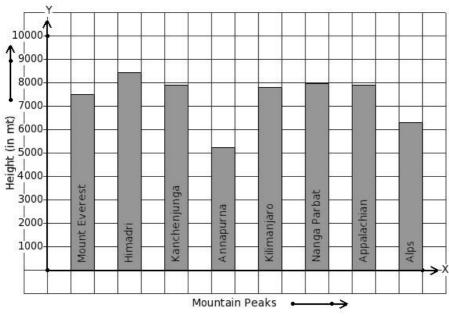
(ii)	Sport	boxing	volleyball	basketball	carroms	table tennis	football
(11)	No. of students	144	81	153	108	54	171

(iii)	Sport	boxing	volleyball	basketball	carroms	table tennis	football
(111)	No. of students	108	81	54	153	171	144

(iv)	Sport	boxing	volleyball	basketball	carroms	table tennis	football
(1V)	No. of students	54	171	153	144	108	81

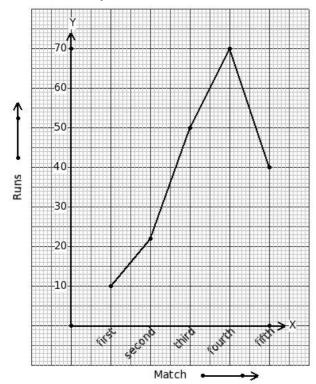
(v)	Sport	boxing	volleyball	basketball	carroms	table tennis	football
	No. of students	81	144	54	108	171	153

5. Given below is the column-graph showing heights of some mountain peaks. Find the mountain that has 6303 m height.



(i) Mount Everest (ii) Nanga Parbat (iii) Annapurna (iv) Alps (v) Kilimanjaro

6. Scores made by Charan in 5 test matches are shown below. Identify the table for the given line graph.



(i)	Match	first	second	third	fourth	fifth
	Runs	10	22	50	70	33

(ii)	Match	first	second	third	fourth	fifth
	Runs	10	22	50	63	40

(iii)	Match	first	second	third	fourth	fifth
	Runs	10	28	50	70	40

(i. a)	Match	first	second	third	fourth	fifth
(iv)	Runs	10	22	43	70	40

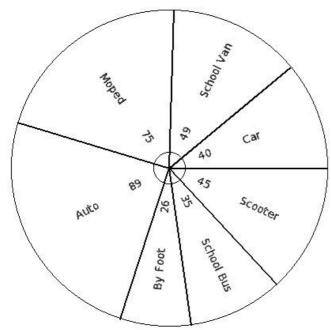
(v)	Match	first	second	third	fourth	fifth
	Runs	10	22	50	70	40

1080 students of a certain locality use different modes of travel to school as shown below. Find the pie chart sector angle for "By Foot"

7	Sector arrigite for B	sector ungle for By root									
/.	Mode of travel	Car	By Foot	Auto	Moped	Bicycle	School Bus				
	No. of students	72	162	180	198	216	252				

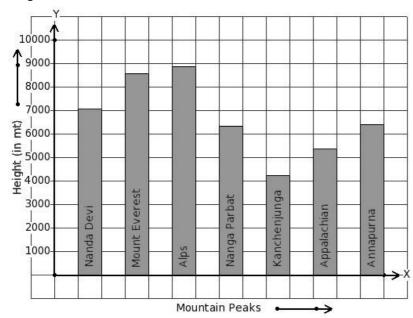
(i) 55.00° (ii) 53.00° (iii) 54.00° (iv) 52.00° (v) 56.00°

8. 1530 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has minimum students.



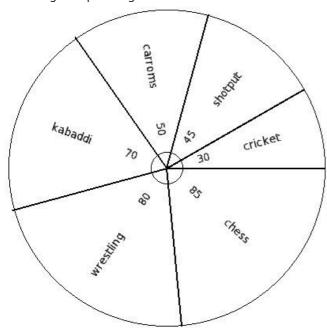
(i) Scooter (ii) Car (iii) By Foot (iv) School Van (v) Moped

9. Given below is the column-graph showing heights of some mountain peaks. Find the mountain that has maximum height.



(i) Mount Everest (ii) Annapurna (iii) Nanda Devi (iv) Nanga Parbat (v) Alps

10. The following pie chart gives the data regarding the favourite sport of 648 students of a school. Identify the table for the given pie diagram.



/i)	Sport	cricket	shotput	carroms	kabaddi	wrestling	chess
(1)	No. of students	54	81	90	126	144	153

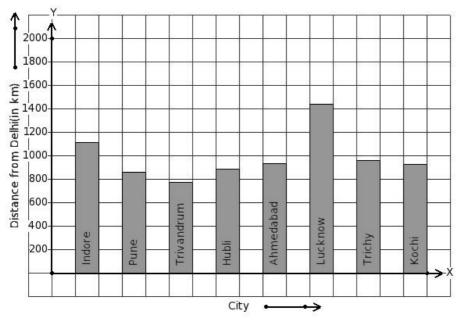
(ii)	Sport	cricket	shotput	carroms	kabaddi	wrestling	chess
(11)	No. of students	126	81	90	54	144	153

/:::\	Sport	cricket	shotput	carroms	kabaddi	wrestling	chess
(iii)	No. of students	54	90	81	126	153	144

(:, 1)	Sport	cricket	shotput	carroms	kabaddi	wrestling	chess
(iv)	No. of students	144	153	126	81	54	90

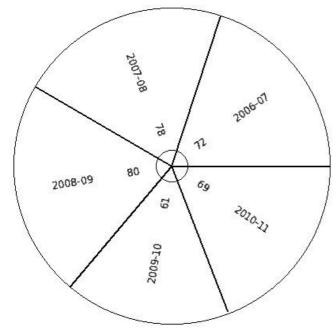
(v)	Sport	cricket	shotput	carroms	kabaddi	wrestling	chess
(V)	No. of students	90	81	54	126	153	144

11. The air distance of some cities from Delhi (in km) are given below. Find the city that has minimum distance.



(i) Ahmedabad (ii) Trivandrum (iii) Kochi (iv) Lucknow (v) Indore

The total export earnings of ₹830 thousand crore of a country during five years is shown below. Find the year that has 165 thousand crore export earnings.



(i) 2009-10 (ii) 2006-07 (iii) 2010-11 (iv) 2007-08 (v) 2008-09

The marks obtained by 12 students in a test are given below. Find the mean of their marks when the marks of 13. each student is doubled.

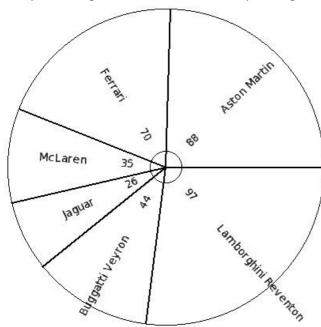
- 6 38 31 22 39 40 13 1 12 15 30 33
- (i) 46 (ii) 48 (iii) $\frac{232}{5}$ (iv) $\frac{142}{3}$ (v) $\frac{140}{3}$

The table below shows the preferred free time activity of 1638 school students. Find the pie chart sector angle for "Reading books"

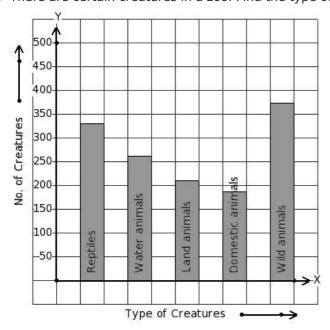
14.	Activity	Reading books	Dancing	Painting	Helping parents	Community work	Playing	Singing	Listening music
	No.of students	90	162	180	234	306	360	252	54

- (i) 20.78° (ii) 18.78° (iii) 17.78° (iv) 19.78° (v) 21.78°
- 15. Arrange the following data 29 35 12 39 30 18 39 27 24 12 in ascending order
 - (i) 22 22 28 31 12 11 40 24 19 24 (ii) 10 39 30 36 25 20 30 25 36 26
 - (iii) 12 12 18 24 27 29 30 35 39 39 (iv) 21 14 15 39 21 32 31 34 24 35
 - (v) 17 17 12 38 32 40 14 17 13 22
- Rainfall of 12 days (in mm) are given below. Find the mean rainfall.
- ^{16.} 15 6 13 8 14 10 12 14 9 5 13 10
 - (i) 11 mm (ii) $\frac{47}{4}$ mm (iii) $\frac{45}{4}$ mm (iv) $\frac{43}{4}$ mm (v) $\frac{51}{4}$ mm

17. The pie chart given below consists of top selling race cars of different brands. Identify the most sold car.



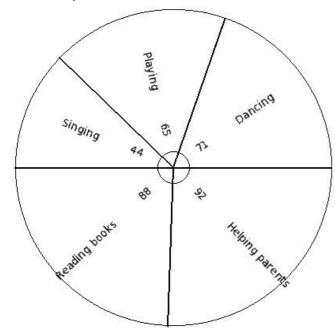
- (i) McLaren (ii) Ferrari (iii) Buggatti Veyron (iv) Aston Martin (v) Lamborghini Reventon
- The scores obtained by 14 students in a test are given below. Find the minimum score. 18.
 - ^{3.} 11 15 11 13 5 8 14 12 15 20 13 6 13 2
 - (i) 13 (ii) 20 (iii) $11\frac{2}{7}$ (iv) 18 (v) 2
- 19. The mean of 6 numbers is $13\frac{1}{3}$. Upon excluding one number, the mean becomes $12\frac{4}{5}$. Find the excluded number.
 - (i) 17 (ii) 14 (iii) 16 (iv) 15 (v) 18
- 20. The scores obtained by 8 students in a test are given below. Find the range. 4 13 10 4 13 18 2 16
 - (i) 16 (ii) 2 (iii) $11\frac{1}{2}$ (iv) 4 (v) 10
- 21. There are certain creatures in a zoo. Find the type of creature that has maximum presense in the zoo.



(i) Land animals (ii) Domestic animals (iii) Wild animals (iv) Reptiles (v) Water animals

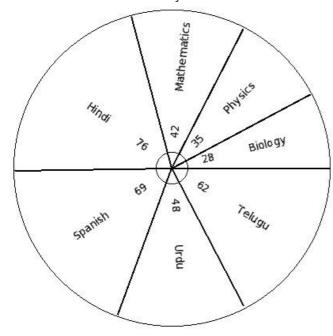
(i)
$$\frac{832}{11}$$
 cm (ii) $\frac{821}{11}$ cm (iii) $\frac{822}{11}$ cm (iv) $\frac{843}{11}$ cm (v) $\frac{823}{11}$ cm

A survey of 1060 school students was done to knowthe preferred free time activity. Find the activity that has



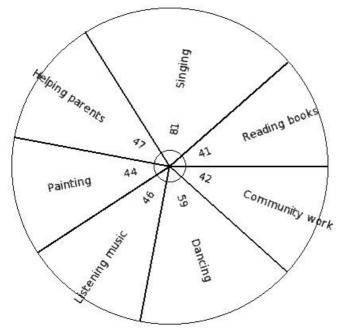
(i) Playing (ii) Dancing (iii) Reading books (iv) Helping parents (v) Singing

24. The total marks obtained by a student in his annual examination is 468. Find the maximum marks.



(i) 99 (ii) 98 (iii) 102 (iv) 96 (v) 100

 25 . A survey of 1800 school students was done to know the preferred free time activity. Find the number of students who prefer "Singing".



(i) 403 (ii) 408 (iii) 402 (iv) 407 (v) 405

Assignment Key							
1) (iii)	2) (iii)	3) (ii)	4) (iv)	5) (iv)	6) (v)		
7) (iii)	8) (iii)	9) (v)	10) (i)	11) (ii)	12) (ii)		
13) (v)	14) (iv)	15) (iii)	16) (iv)	17) (v)	18) (v)		
19) (iii)	20) (i)	21) (iii)	22) (ii)	23) (v)	24) (i)		
25) (v)							

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