EduSahara™ Assignment

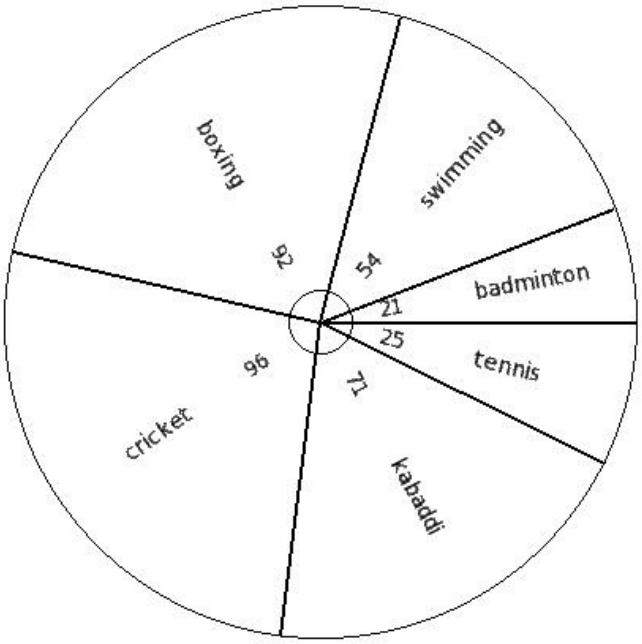
Name : Pie Chart

Chapter : Statistics

Grade : ICSE Grade VI

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1. The following pie chart gives the data regarding the favourite sport of 774 students of a school. Identify the table for the given pie diagram.



(i)

Sport	badminton	swimming	boxing	cricket	kabaddi	tennis
No. of students	117	207	153	45	198	54

(ii)

Sport	badminton	swimming	boxing	cricket	kabaddi	tennis
No. of students	153	54	45	117	207	198

(iii)

Sport	badminton	swimming	boxing	cricket	kabaddi	tennis
No. of students	45	117	198	207	153	54

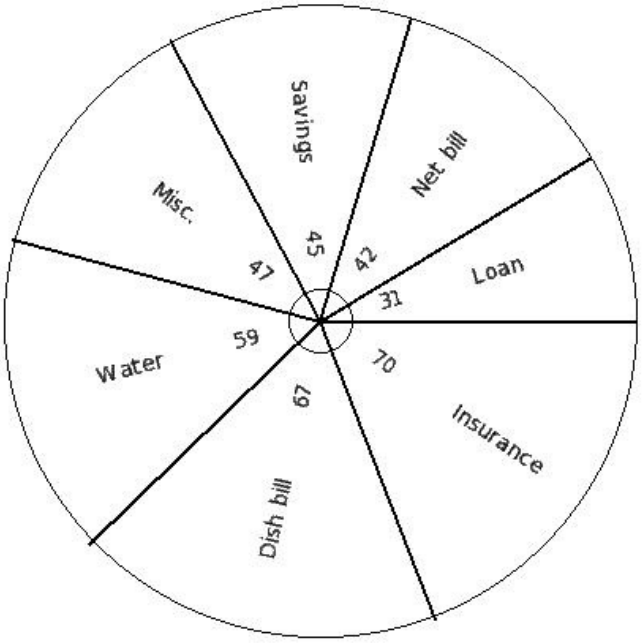
(iv)

Sport	badminton	swimming	boxing	cricket	kabaddi	tennis
No. of students	207	54	198	45	117	153

(v)

Sport	badminton	swimming	boxing	cricket	kabaddi	tennis
No. of students	54	153	45	117	207	198

2. The following pie chart shows the monthly budget of a family. Identify the table for the given pie diagram.



(i)

Item	Loan	Net bill	Savings	Misc.	Water	Dish bill	Insurance
Expenses (in Rs)	4320	1980	2700	2880	4500	3780	3060

(ii)

Item	Loan	Net bill	Savings	Misc.	Water	Dish bill	Insurance
Expenses (in Rs)	3060	4500	3780	4320	2880	1980	2700

(iii)

Item	Loan	Net bill	Savings	Misc.	Water	Dish bill	Insurance
Expenses (in Rs)	3060	1980	4320	2880	3780	4500	2700

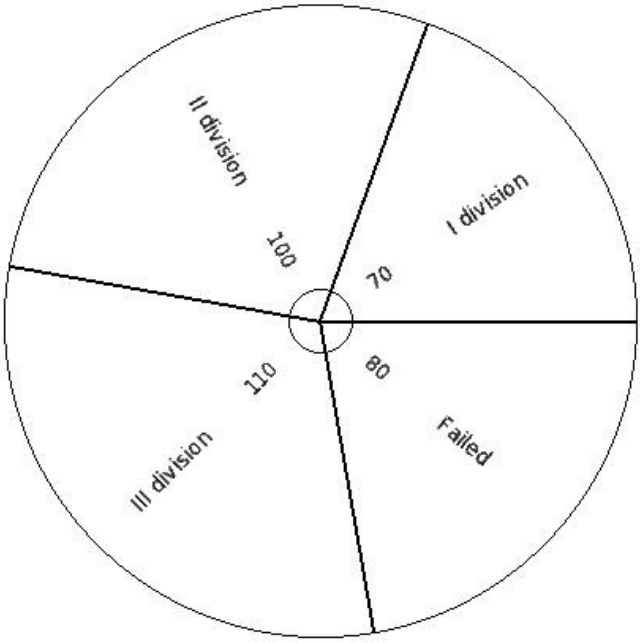
(iv)

Item	Loan	Net bill	Savings	Misc.	Water	Dish bill	Insurance
Expenses (in Rs)	3780	2880	3060	4320	2700	1980	4500

(v)

Item	Loan	Net bill	Savings	Misc.	Water	Dish bill	Insurance
Expenses (in Rs)	1980	2700	2880	3060	3780	4320	4500

3. The results declared by a school was as under. Identify the table for the given pie diagram.



(i)

Result	I division	II division	III division	Failed
No. of Students	90	99	72	63

(ii)

Result	I division	II division	III division	Failed
No. of Students	63	90	99	72

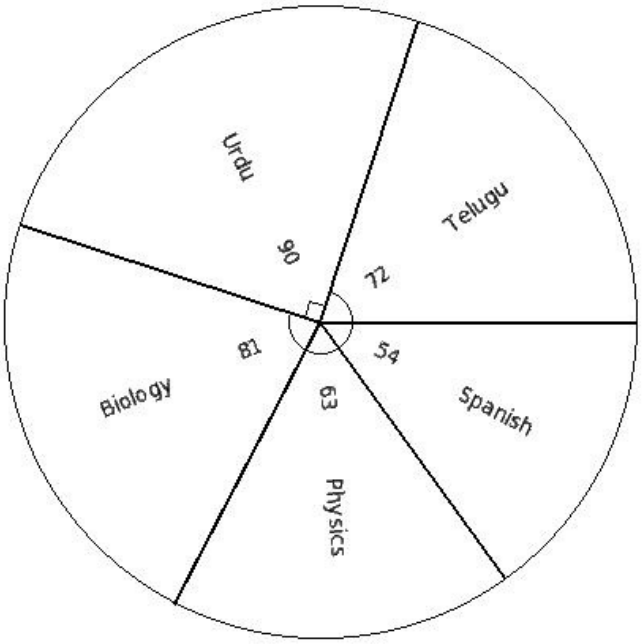
(iii)

Result	I division	II division	III division	Failed
No. of Students	72	90	63	99

(iv)

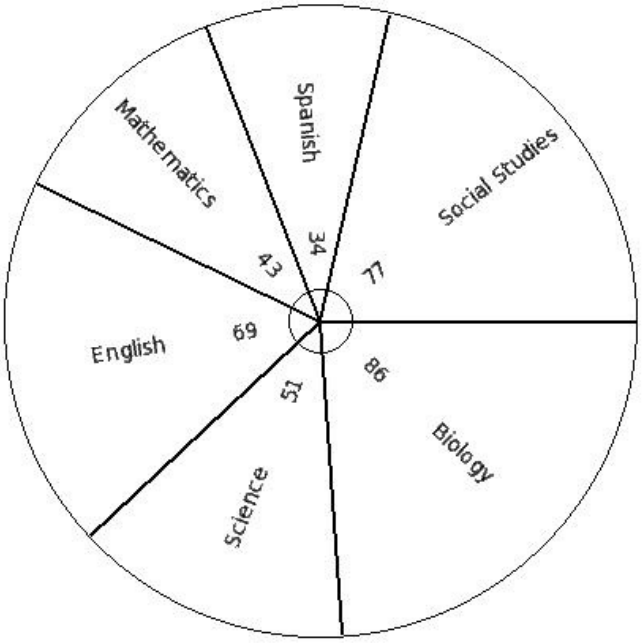
Result	I division	II division	III division	Failed
No. of Students	99	90	63	72

4. The total marks obtained by a student in his annual examination is 360. Find the maximum marks.



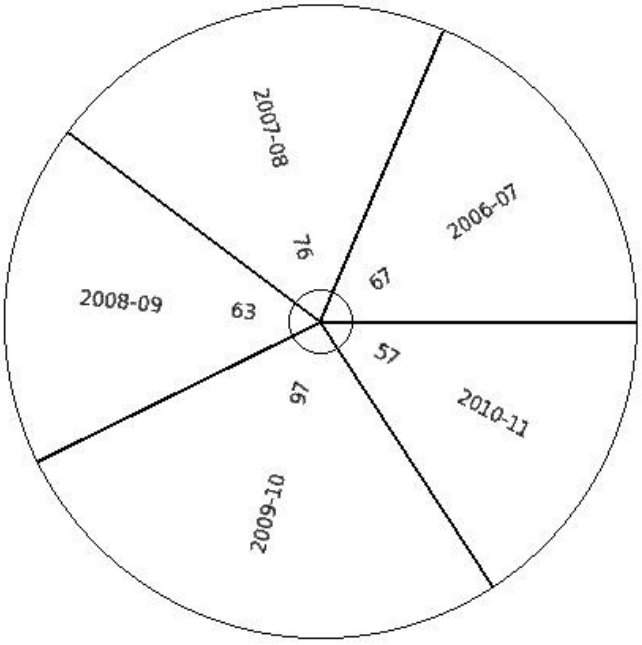
(i) 87 (ii) 91 (iii) 92 (iv) 89 (v) 90

5. The total marks obtained by a student in his annual examination is 378. Find the minimum marks.



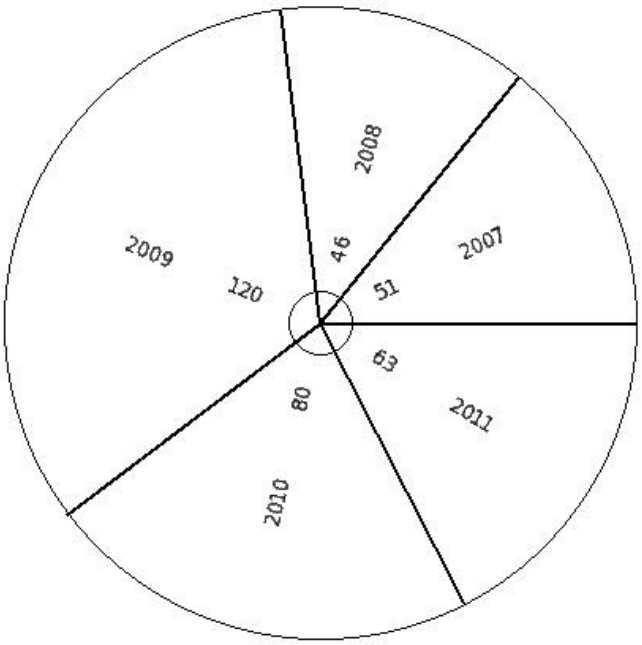
(i) 38 (ii) 33 (iii) 36 (iv) 35 (v) 37

6. The total export earnings of ₹1080 crores of a country during five years is shown below. Find the earnings (in crores) in 2007-08.



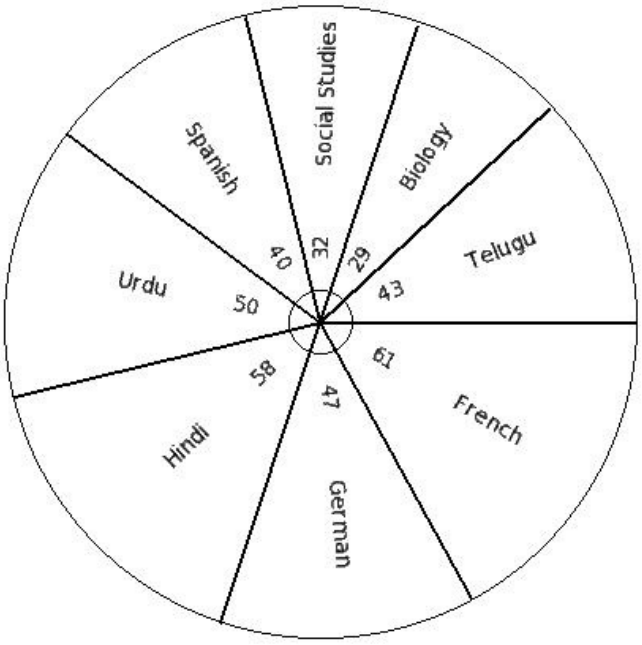
(i) 230 (ii) 226 (iii) 231 (iv) 225 (v) 228

7. Shown below is the total food grain production of 1080 million tonnes over 5 years. Find the production (in million tonnes) in 2007.



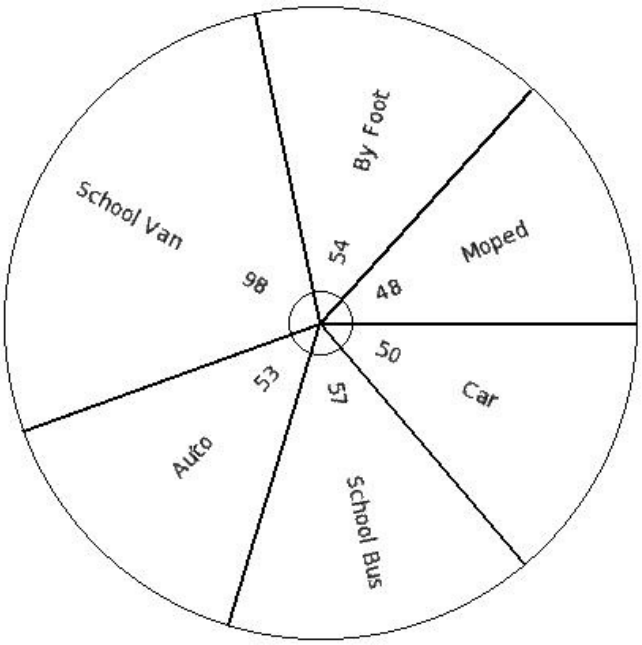
(i) 156 (ii) 150 (iii) 153 (iv) 151 (v) 155

8. The total marks obtained by Sushant in his annual exam are 500 as shown below. Find the marks in "Social Studies".



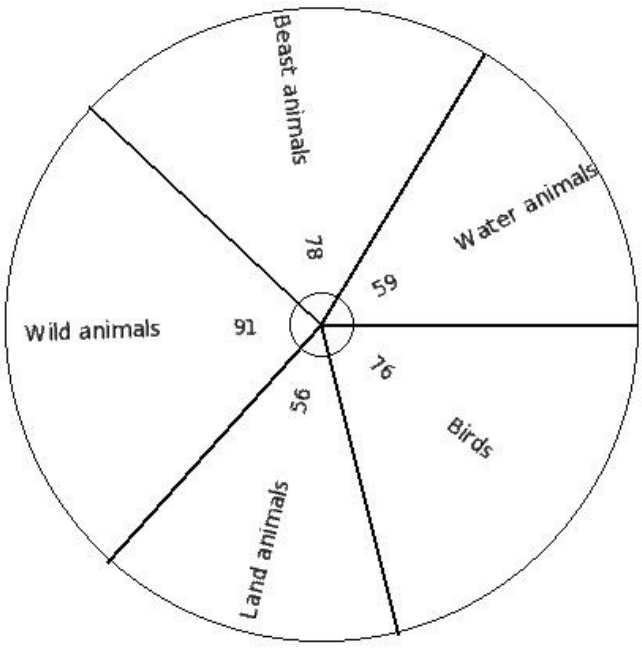
(i) 45 (ii) 42 (iii) 48 (iv) 47 (v) 43

9. 1800 students of a certain locality use different modes of travel to school as shown below. Find the number of students whose mode of travel is "School Bus".



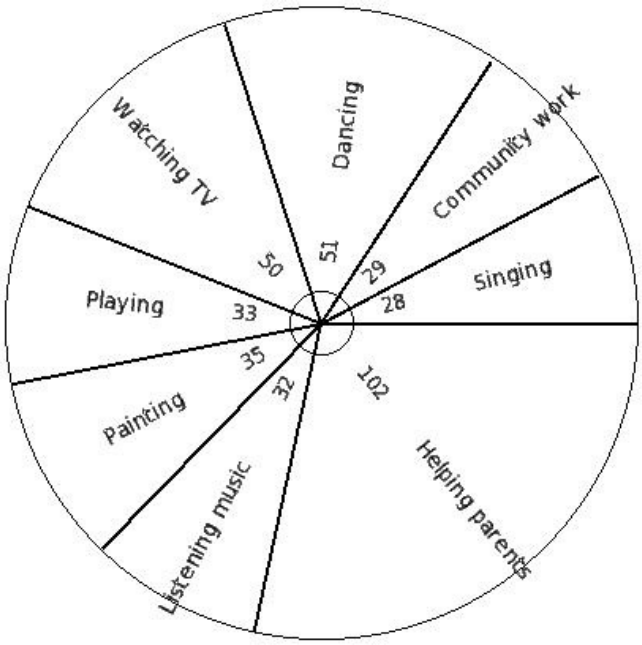
(i) 287 (ii) 282 (iii) 288 (iv) 285 (v) 283

10. There are 2880 creatures in a zoo. Find the count of "Birds".



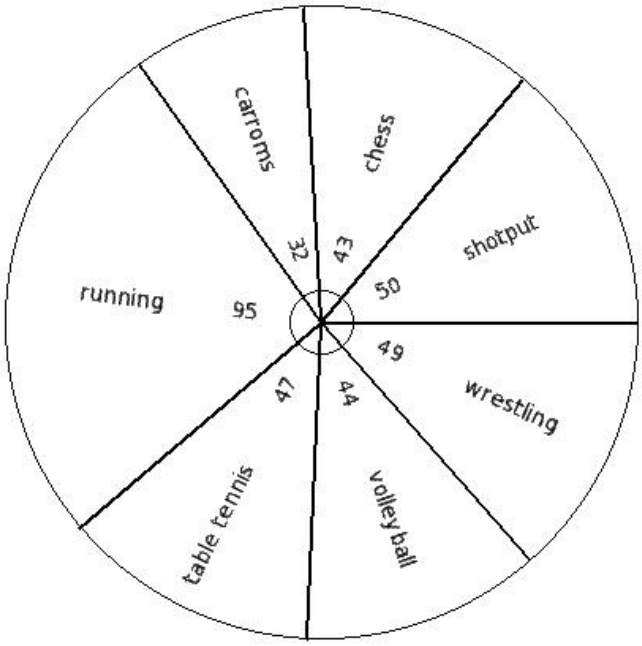
(i) 606 (ii) 611 (iii) 608 (iv) 605 (v) 610

11. A survey of 900 school students was done to know the preferred free time activity. Find the number of students who prefer "Listening music".



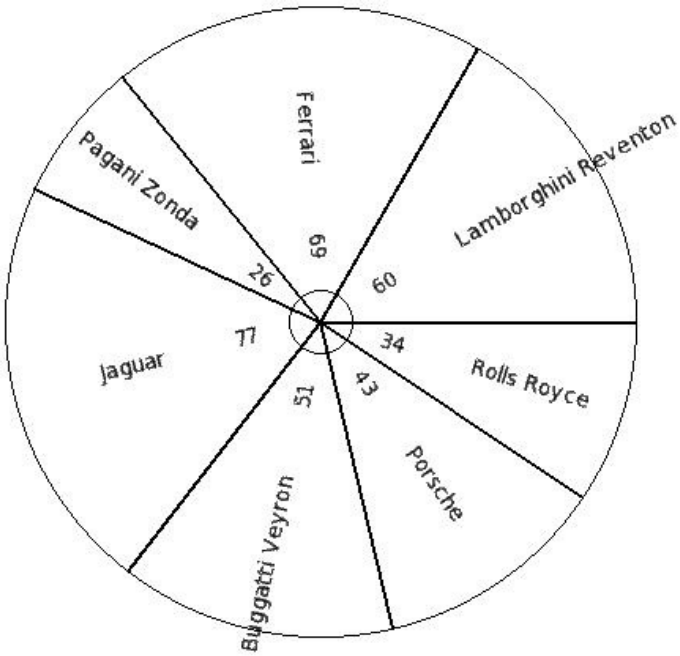
(i) 82 (ii) 83 (iii) 80 (iv) 77 (v) 78

12. The following pie chart shows 1620 students of a school participating in various games. Find the number of students who participate in "running".



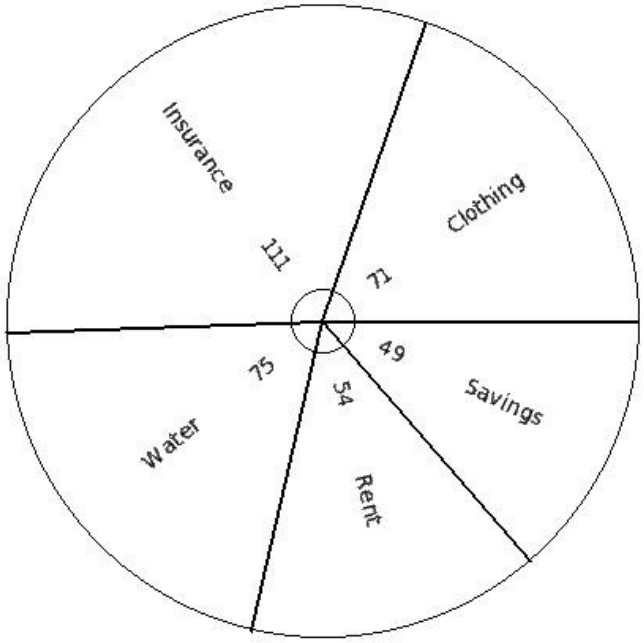
(i) 428 (ii) 425 (iii) 431 (iv) 430 (v) 426

13. The pie chart given below shows purchase of number of cars of different automobile companies in America. Identify the sector angle of "Porsche".



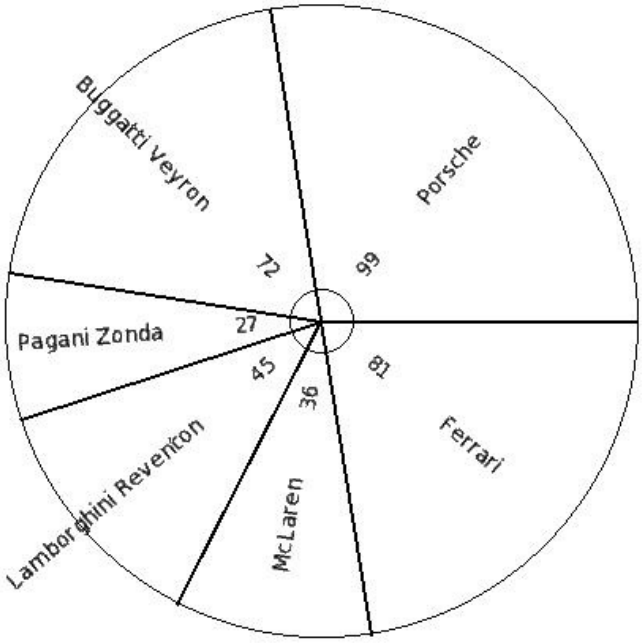
(i) 43 (ii) 45 (iii) 42 (iv) 41 (v) 44

14. The pie diagram given below shows the monthly family expenditure of a person earning ₹8640 per month. How much does he spend on "Insurance"?



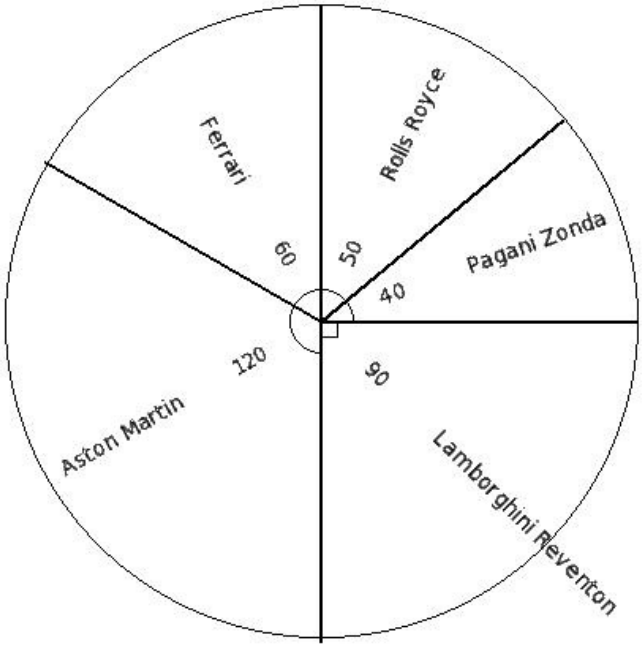
(i) ₹2662.00 (ii) ₹2666.00 (iii) ₹2664.00 (iv) ₹2663.00 (v) ₹2665.00

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



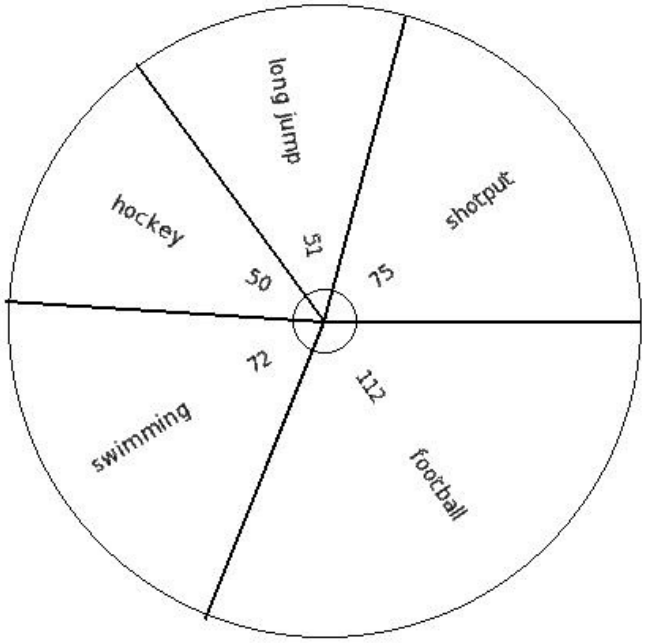
(i) Ferrari (ii) Lamborghini Reventon (iii) Buggatti Veyron (iv) Porsche (v) McLaren

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



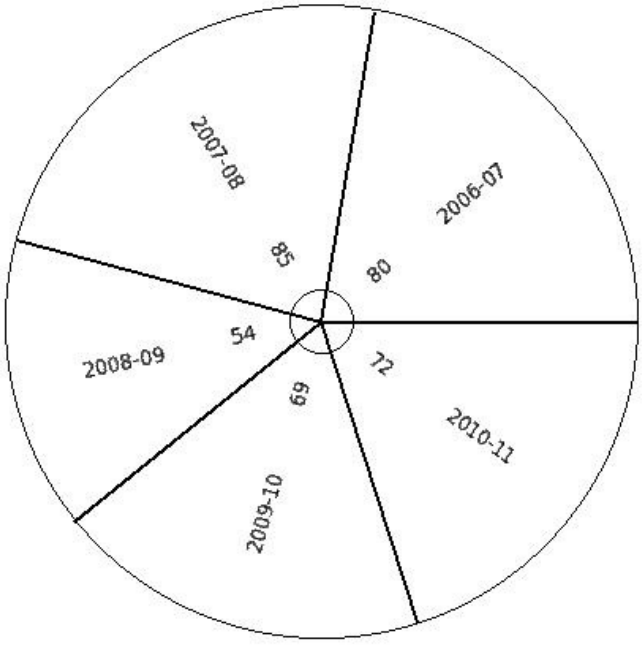
(i) Rolls Royce (ii) Pagani Zonda (iii) Lamborghini Reventon (iv) Ferrari (v) Aston Martin

17. The number of sectors present in the pie chart



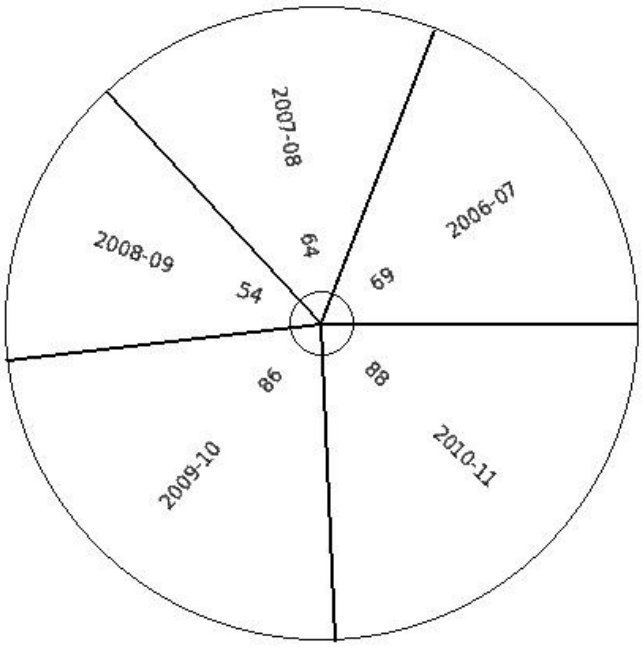
(i) 8 (ii) 6 (iii) 4 (iv) 5 (v) 2

18. The total export earnings of ₹700 thousand crore of a country during five years is shown below. Find the year that has maximum export earnings.



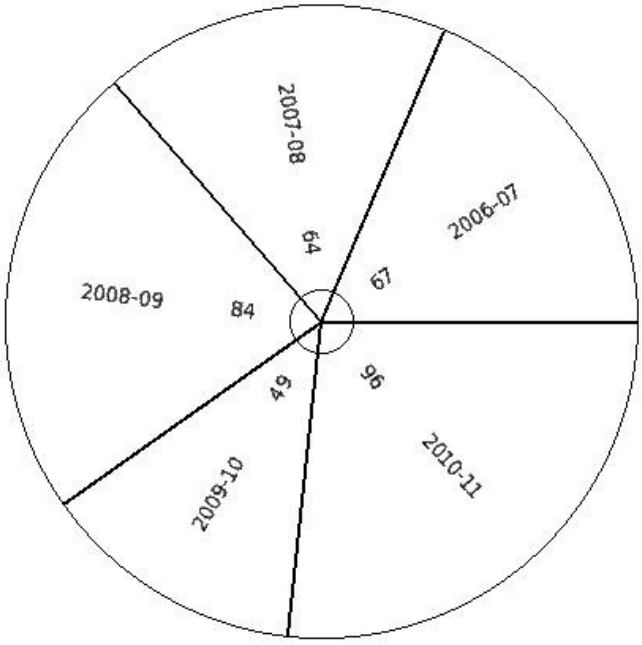
(i) 2006-07 (ii) 2008-09 (iii) 2009-10 (iv) 2007-08 (v) 2010-11

19. The total export earnings of ₹735 thousand crore of a country during five years is shown below. Find the year that has minimum export earnings.



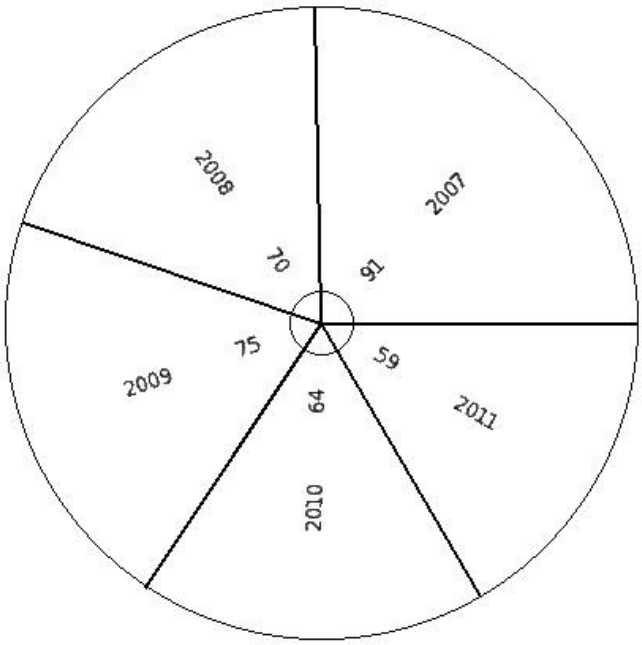
(i) 2008-09 (ii) 2009-10 (iii) 2007-08 (iv) 2006-07 (v) 2010-11

20. The total export earnings of ₹730 thousand crore of a country during five years is shown below. Find the year that has 100 thousand crore export earnings.



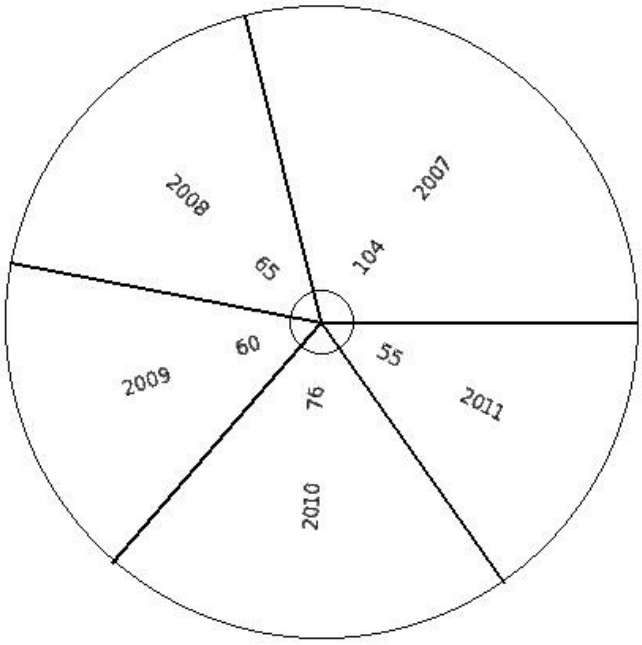
(i) 2006-07 (ii) 2008-09 (iii) 2010-11 (iv) 2007-08 (v) 2009-10

21. Shown below is the total food grain production of 335 million tonnes over 5 years. Find the year that has maximum food grain production.



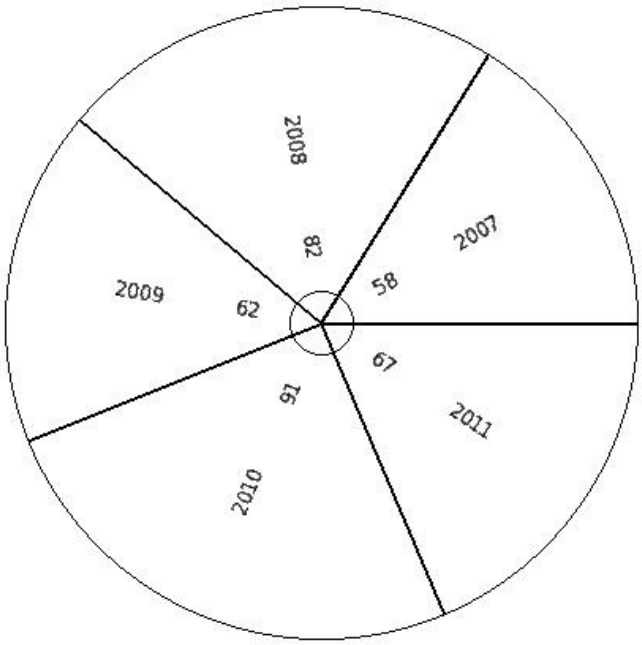
(i) 2010 (ii) 2009 (iii) 2011 (iv) 2007 (v) 2008

22. Shown below is the total food grain production of 330 million tonnes over 5 years. Find the year that has minimum food grain production.



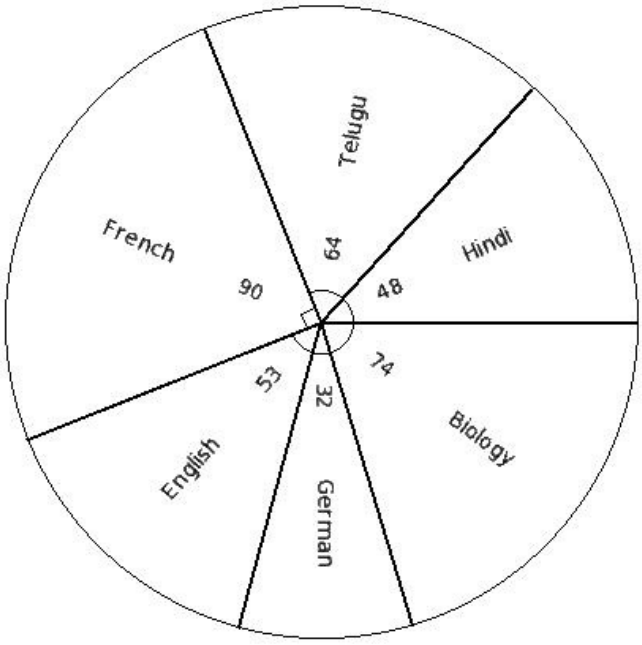
(i) 2010 (ii) 2008 (iii) 2011 (iv) 2009 (v) 2007

23. Shown below is the total food grain production of 375 million tonnes over 5 years. Find the year that has 60 million tonnes food grain production.



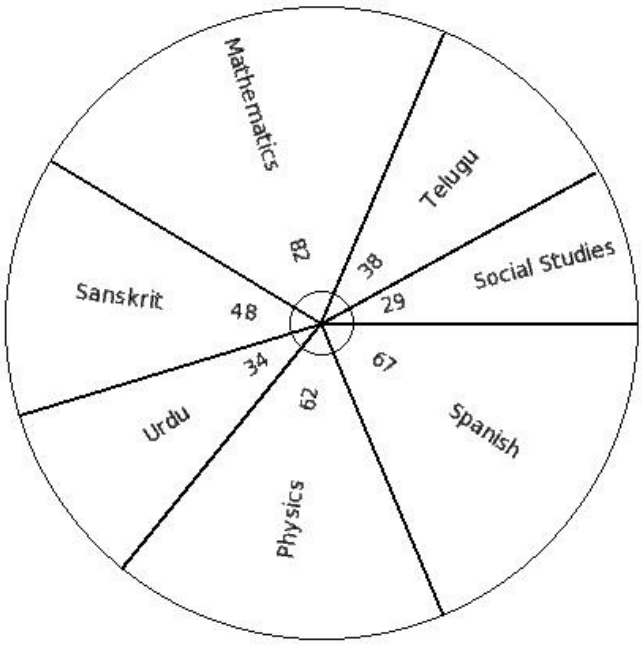
(i) 2011 (ii) 2009 (iii) 2010 (iv) 2007 (v) 2008

24. The total marks obtained by Arun in his annual exam are 340 as shown below. Find the subject that has maximum score.



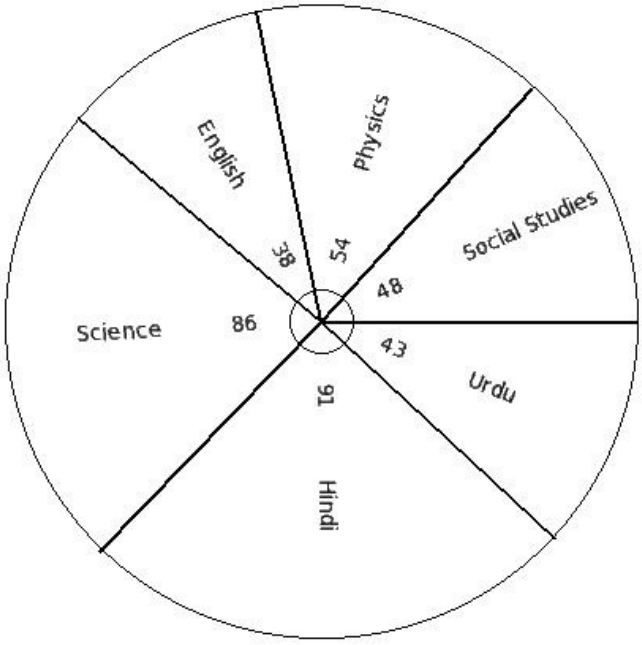
(i) Telugu (ii) Hindi (iii) Biology (iv) German (v) French

25. The total marks obtained by Arun in his annual exam are 375 as shown below. Find the subject that has minimum score.



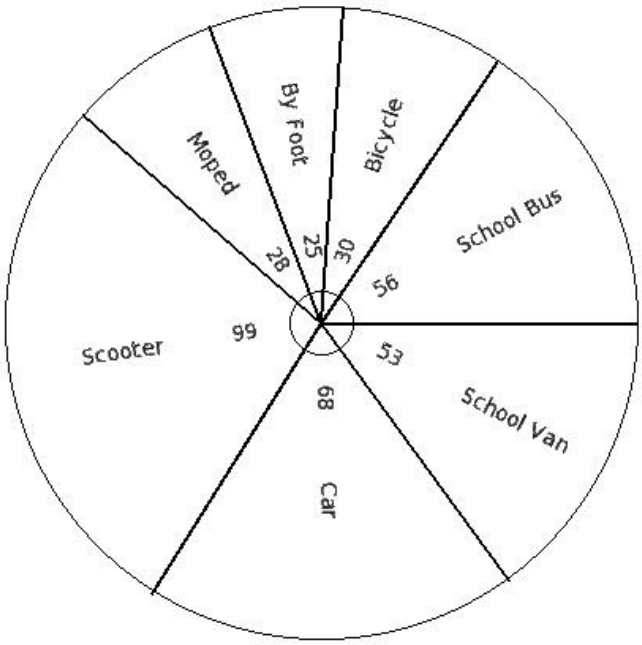
(i) Telugu (ii) Sanskrit (iii) Social Studies (iv) Physics (v) Urdu

26. The total marks obtained by Anil in his annual exam are 335 as shown below. Find the subject that has 50 score.



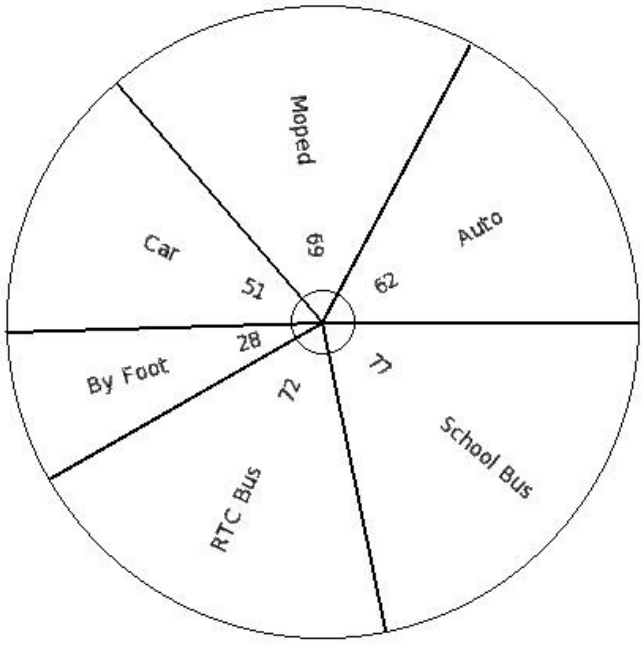
(i) Hindi (ii) Physics (iii) Science (iv) Social Studies (v) English

27. 1420 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has maximum students.



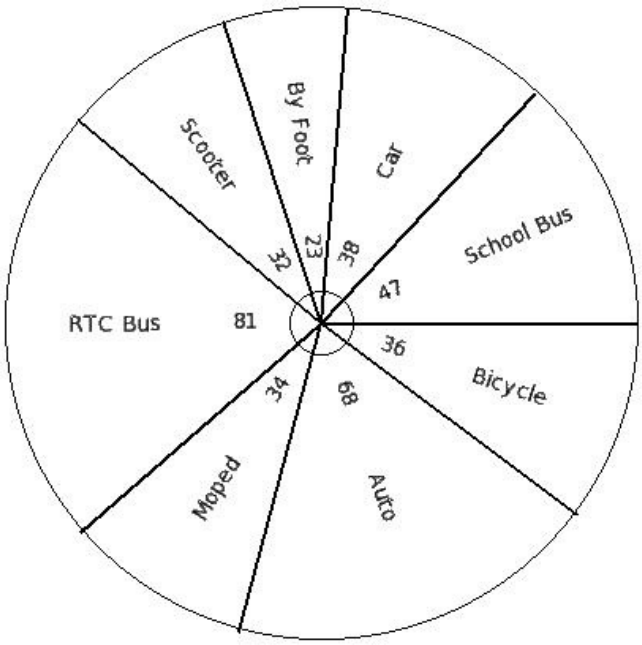
(i) Moped (ii) Car (iii) Scooter (iv) School Bus (v) Bicycle

28. 1400 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has minimum students.



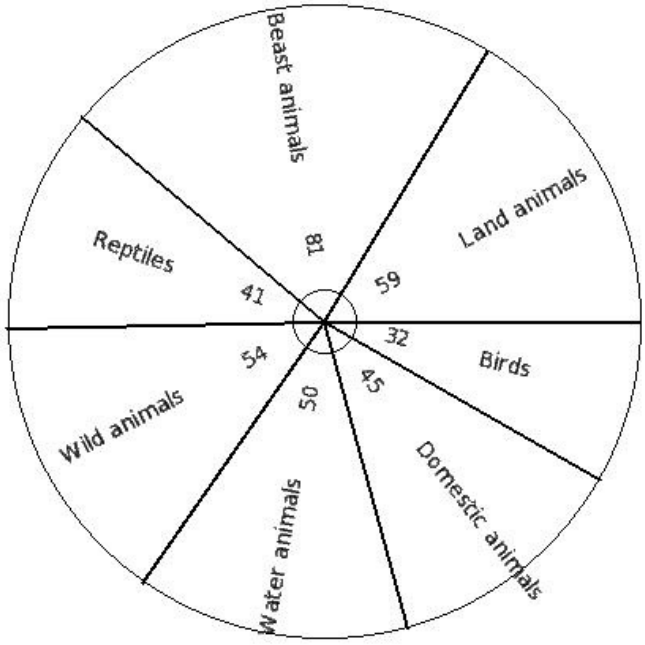
(i) Auto (ii) School Bus (iii) RTC Bus (iv) Car (v) By Foot

29. 1690 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has 180 students.



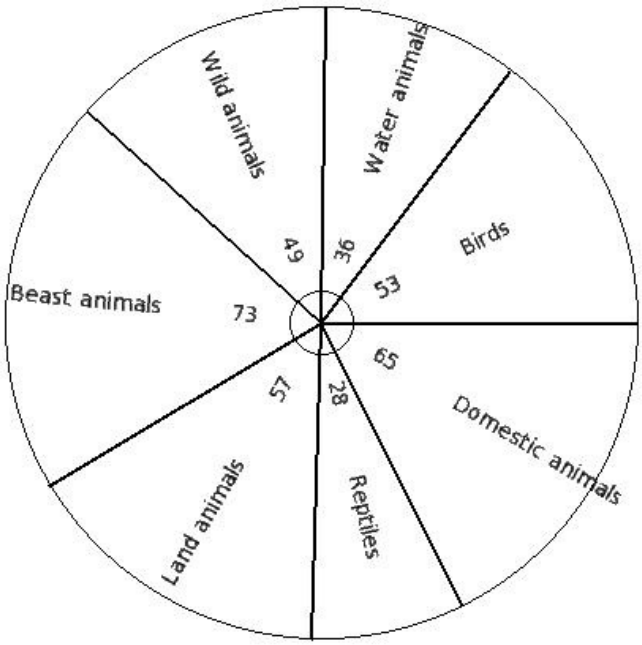
(i) By Foot (ii) School Bus (iii) Auto (iv) Car (v) RTC Bus

30. There are 800 creatures in a zoo. Find the type of creature that has maximum presense in the zoo.



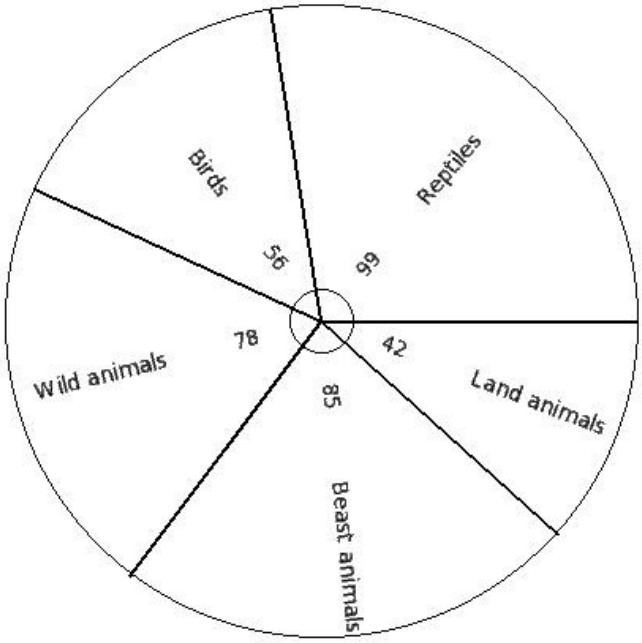
(i) Water animals (ii) Domestic animals (iii) Birds (iv) Reptiles (v) Beast animals

31. There are 890 creatures in a zoo. Find the type of creature that has minimum presense in the zoo.



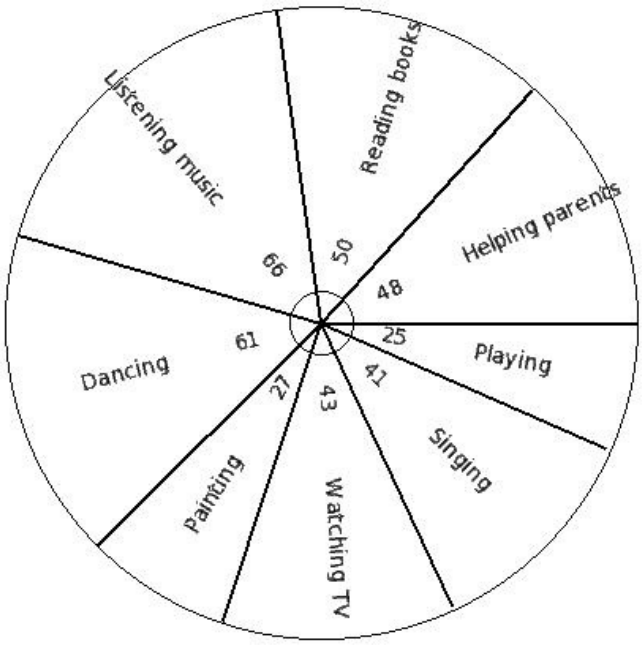
(i) Land animals (ii) Birds (iii) Reptiles (iv) Beast animals (v) Water animals

32. There are 510 creatures in a zoo. Find the type of creature that has 80 creatures presense in the zoo.



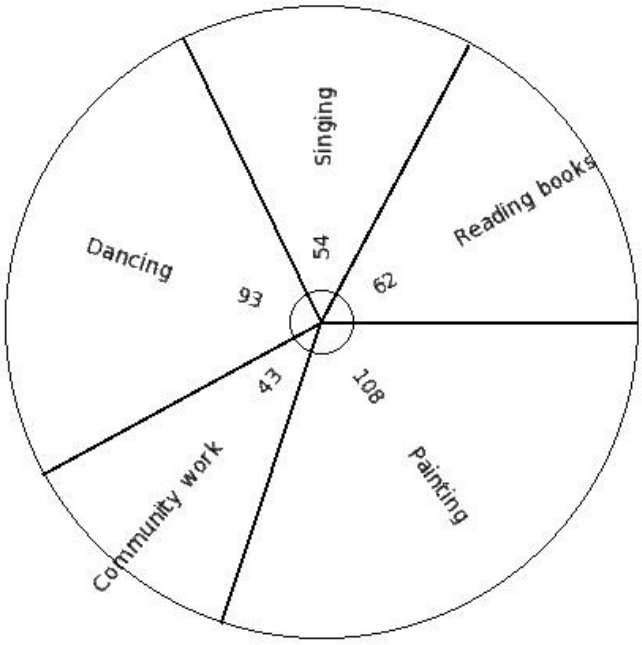
(i) Beast animals (ii) Birds (iii) Wild animals (iv) Reptiles (v) Land animals

33. A survey of 1590 school students was done to knowthe preferred free time activity. Find the activity that has maximum preference.



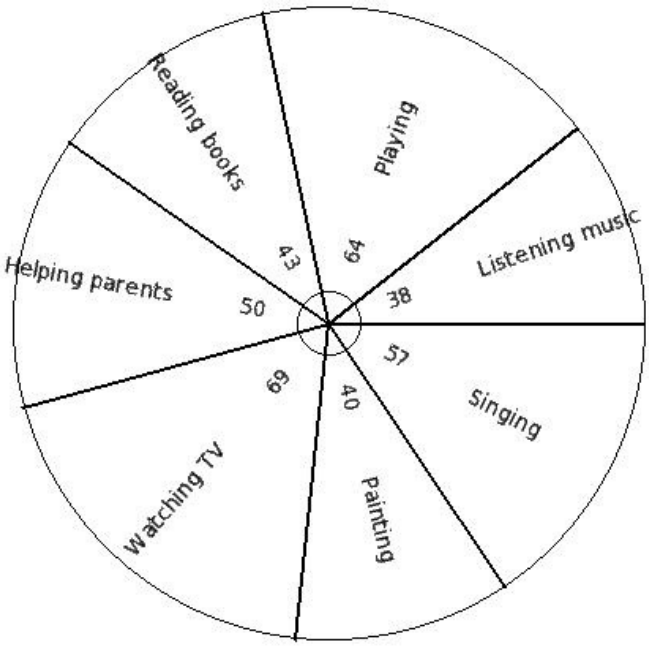
(i) Painting (ii) Singing (iii) Listening music (iv) Watching TV (v) Playing

34. A survey of 930 school students was done to knowthe preferred free time activity. Find the activity that has minimum preference.



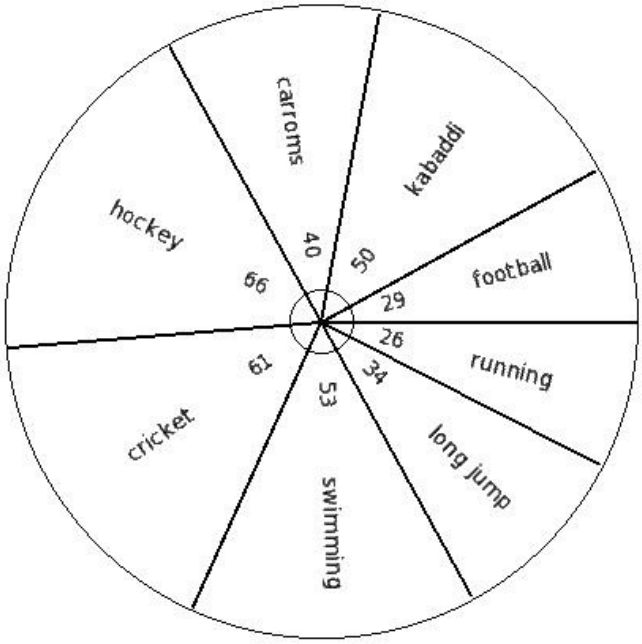
(i) Painting (ii) Reading books (iii) Community work (iv) Dancing (v) Singing

35. A survey of 1520 school students was done to knowthe preferred free time activity. Find the activity that has 240 student preference.



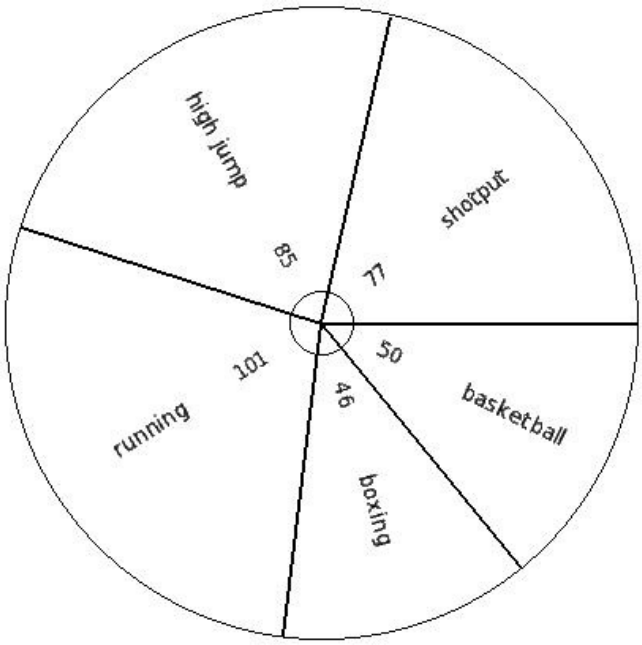
(i) Listening music (ii) Singing (iii) Painting (iv) Helping parents (v) Watching TV

36. The following pie chart shows 1360 students of a school participating in various games. Find the game that has maximum participation.



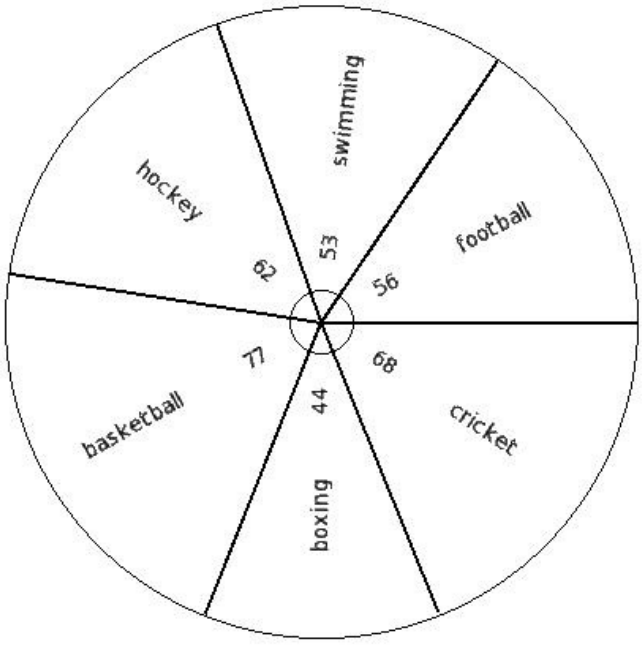
(i) long jump (ii) carroms (iii) hockey (iv) kabaddi (v) swimming

37. The following pie chart shows 930 students of a school participating in various games. Find the game that has minimum participation.



(i) basketball (ii) running (iii) shotput (iv) high jump (v) boxing

38. The following pie chart shows 1220 students of a school participating in various games. Find the game that has 150 student participation.



(i) cricket (ii) boxing (iii) football (iv) hockey (v) swimming

39. The following table gives the data regarding the favourite sport of 297 students of a school. Find the pie chart sector angle for "shotput"

Sport	shotput	basketball	volleyball	swimming	badminton
No. of students	54	81	45	99	18

(i) 67.45° (ii) 63.45° (iii) 64.45° (iv) 65.45° (v) 66.45°

40. A man earns Rs 4320 per month. His expenditure during a month is as follows. Find the pie chart sector angle for "Savings"

Item	Water	Net bill	Electricity	Misc.	Savings	Food	Dish bill
Expenses (in rupees)	315	450	495	630	720	810	900

(i) 59.00° (ii) 60.00° (iii) 62.00° (iv) 61.00° (v) 58.00°

41. Pie-diagram consists of

(i) sectors (ii) triangles (iii) squares (iv) circles

42. The statistical diagram that shows the relative sizes of various parts in the total data is

(i) pictograph (ii) pie-diagram (iii) sectors (iv) bar diagram

43. Sum of the angles of various sectors in a pie-diagram

(i) 90° (ii) 180° (iii) 270° (iv) 360°

44. The total export earnings of ₹3690 crores of a country during five years is shown below. Find the pie chart sector angle for "2010-11"

Years	2006-07	2007-08	2008-09	2009-10	2010-11
Exports(in thousand crore)	450	630	720	900	990

(i) 95.59° (ii) 98.59° (iii) 97.59° (iv) 96.59° (v) 94.59°

45. Shown below is the total food grain production of 3150 million tonnes over 5 years. Find the pie chart sector angle for "2010"

Years	2007	2008	2009	2010	2011
Foodgrains (in million tonnes)	270	450	540	810	1080

(i) 91.57° (ii) 94.57° (iii) 92.57° (iv) 90.57° (v) 93.57°

46. The total marks obtained by Krishna in his annual exam are 370 as shown below. Find the pie chart sector angle for "Physics"

Subject	Telugu	French	Urdu	Physics	German	Hindi
Marks obtained	65	50	35	75	60	85

(i) 73.97° (ii) 71.97° (iii) 70.97° (iv) 74.97° (v) 72.97°

47. 900 students of a certain locality use different modes of travel to school as shown below. Find the pie chart sector angle for "Moped"

Mode of travel	Auto	Bicycle	By Foot	RTC Bus	Moped	Scooter	School Bus
No. of students	36	90	108	126	144	180	216

(i) 56.60° (ii) 55.60° (iii) 59.60° (iv) 57.60° (v) 58.60°

48. There are 4680 creatures in a zoo as shown below. Find the pie chart sector angle for "Domestic animals"

Type of creatures	Water animals	Domestic animals	Wild animals	Beast animals	Land animals	Birds
No. of creatures	360	630	720	810	900	1260

(i) 50.46° (ii) 46.46° (iii) 49.46° (iv) 47.46° (v) 48.46°

49. The table below shows the preferred free time activity of 882 school students. Find the pie chart sector angle for "Listening music"

Activity	Watching TV	Singing	Dancing	Helping parents	Painting	Listening music
No.of students	54	72	126	162	198	270

(i) 111.20° (ii) 112.20° (iii) 109.20° (iv) 110.20° (v) 108.20°

50. The following table shows 468 students of a school participating in various games. Find the pie chart sector angle for "badminton"

Games	shotput	football	badminton	basketball	running
No. of students	36	54	108	126	144

(i) 83.08° (ii) 84.08° (iii) 85.08° (iv) 81.08° (v) 82.08°

Assignment Key

1) (iii)	2) (v)	3) (ii)	4) (v)	5) (iii)	6) (v)
7) (iii)	8) (i)	9) (iv)	10) (iii)	11) (iii)	12) (i)
13) (i)	14) (iii)	15) (iv)	16) (ii)	17) (iv)	18) (iv)
19) (i)	20) (v)	21) (iv)	22) (iii)	23) (iv)	24) (v)
25) (iii)	26) (ii)	27) (iii)	28) (v)	29) (iv)	30) (v)
31) (iii)	32) (ii)	33) (iii)	34) (iii)	35) (ii)	36) (iii)
37) (v)	38) (ii)	39) (iv)	40) (ii)	41) (i)	42) (ii)
43) (iv)	44) (iv)	45) (iii)	46) (v)	47) (iv)	48) (v)
49) (iv)	50) (i)				

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