EduSahara™ Assignment

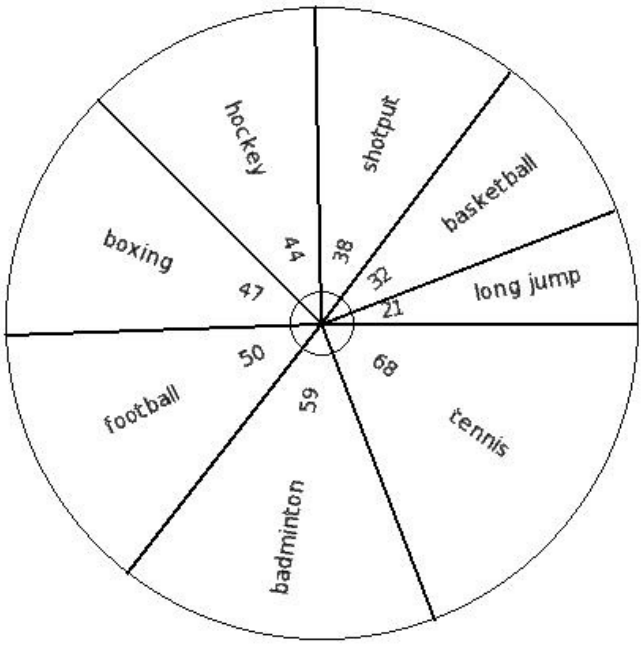
Name : Pie Chart

Chapter : Data Handling

Grade : SSC Grade VII

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1. The following pie chart gives the data regarding the favourite sport of 1098 students of a school. Identify the table for the given pie diagram.



(i)

Sport	long jump	basketball	shotput	hockey	boxing	football	badminton	tennis
No. of students	180	207	135	144	63	153	117	99

(ii)

Sport	long jump	basketball	shotput	hockey	boxing	football	badminton	tennis
No. of students	135	63	99	153	207	144	180	117

(iii)

Sport	long jump	basketball	shotput	hockey	boxing	football	badminton	tennis
No. of students	63	99	117	135	144	153	180	207

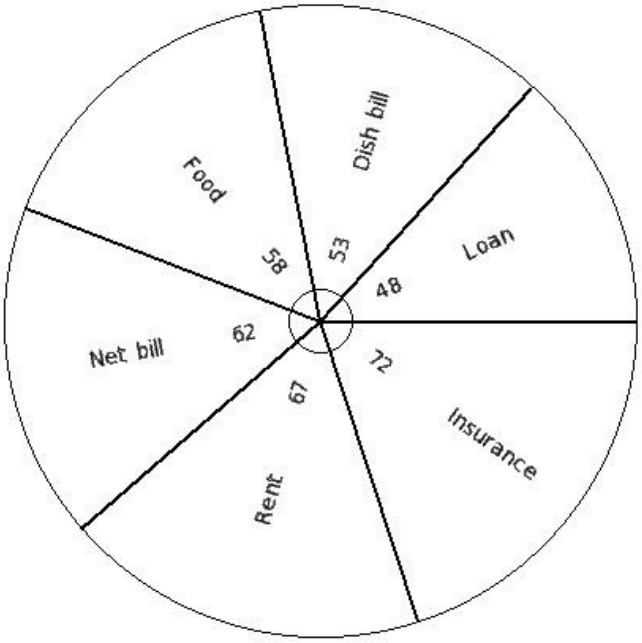
(iv)

Sport	long jump	basketball	shotput	hockey	boxing	football	badminton	tennis
No. of students	153	99	117	207	135	63	144	180

(v)

Sport	long jump	basketball	shotput	hockey	boxing	football	badminton	tennis
No. of students	207	135	180	99	144	117	63	153

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



(i)

Item	Loan	Dish bill	Food	Net bill	Rent	Insurance
Expenses (in Rs)	1800	2520	1980	2340	2700	2160

(ii)

Item	Loan	Dish bill	Food	Net bill	Rent	Insurance
Expenses (in Rs)	2160	1980	2700	2340	2520	1800

(iii)

Item	Loan	Dish bill	Food	Net bill	Rent	Insurance
Expenses (in Rs)	2700	2160	1980	1800	2340	2520

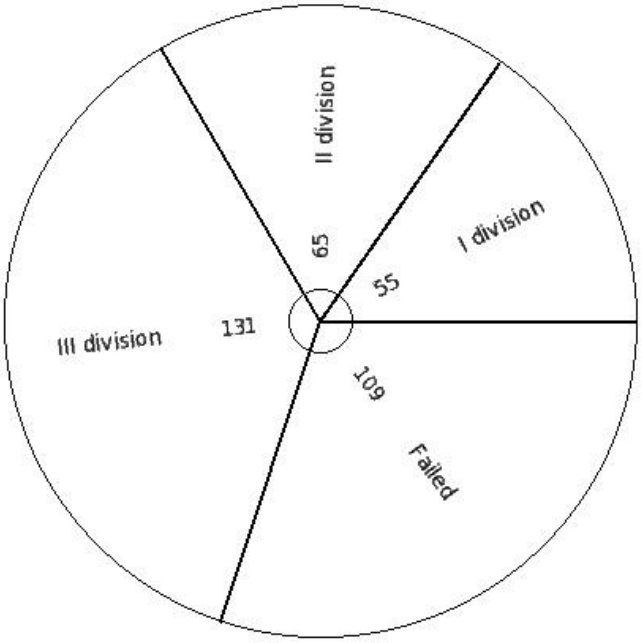
(iv)

Item	Loan	Dish bill	Food	Net bill	Rent	Insurance
Expenses (in Rs)	1800	2520	1980	2700	2340	2160

(v)

Item	Loan	Dish bill	Food	Net bill	Rent	Insurance
Expenses (in Rs)	1800	1980	2160	2340	2520	2700

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	108	90	45	54

(ii)

Result	I division	II division	III division	Failed
No. of Students	45	90	108	54

(iii)

Result	I division	II division	III division	Failed
No. of Students	45	54	108	90

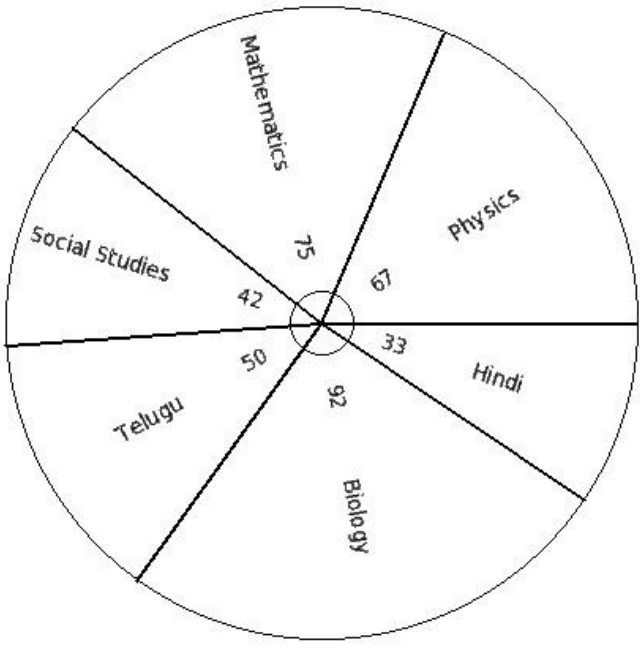
(iv)

Result	I division	II division	III division	Failed
No. of Students	54	45	108	90

(v)

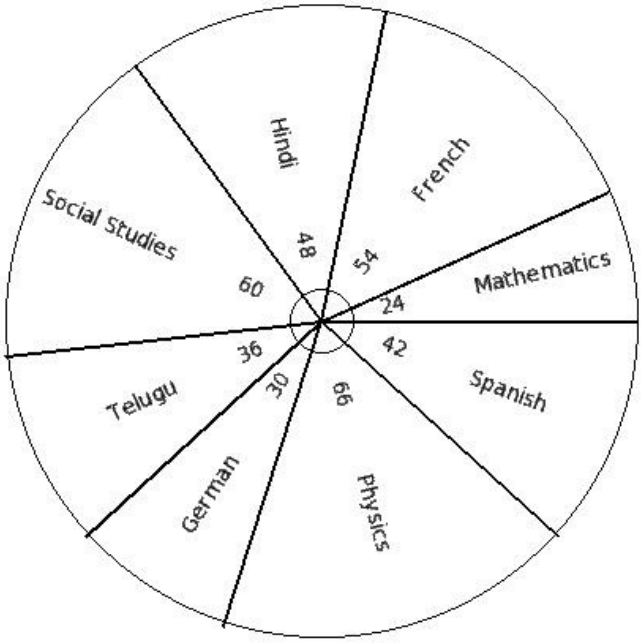
Result	I division	II division	III division	Failed
No. of Students	108	90	54	45

4. The total marks obtained by a student in his annual examination is 387. Find the maximum marks.



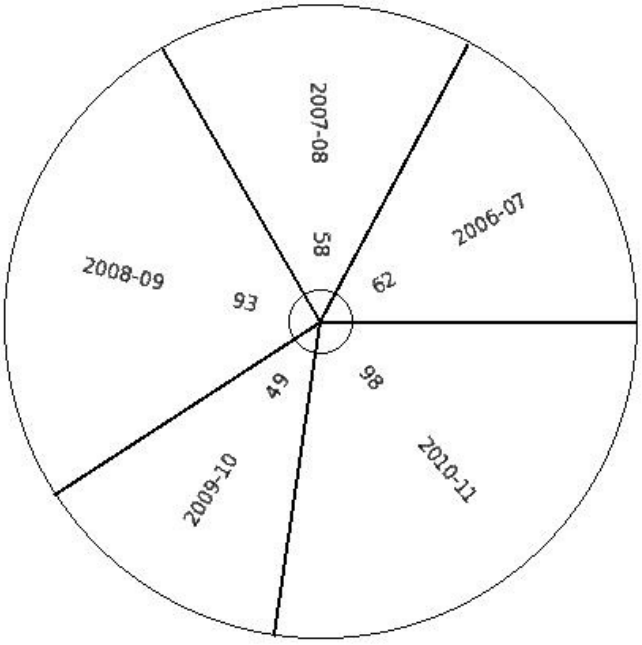
(i) 98 (ii) 100 (iii) 101 (iv) 96 (v) 99

5. The total marks obtained by a student in his annual examination is 540. Find the minimum marks.



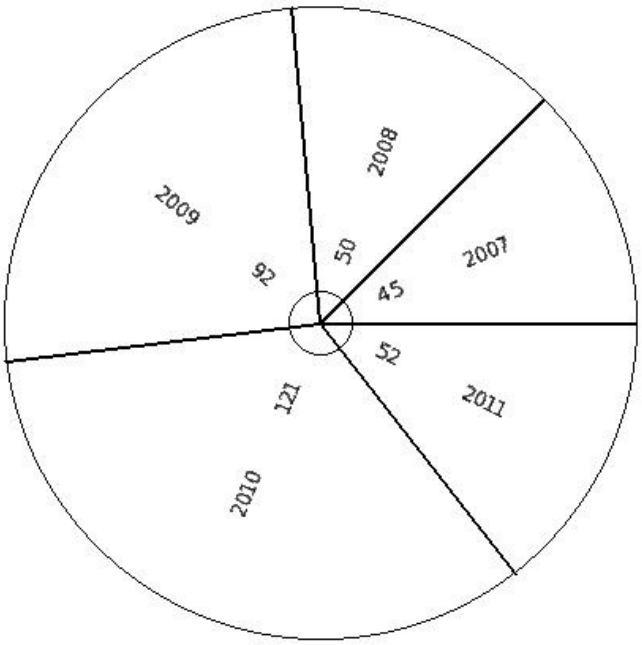
(i) 34 (ii) 35 (iii) 37 (iv) 36 (v) 38

6. The total export earnings of ₹4320 crores of a country during five years is shown below. Find the earnings (in crores) in 2008-09.



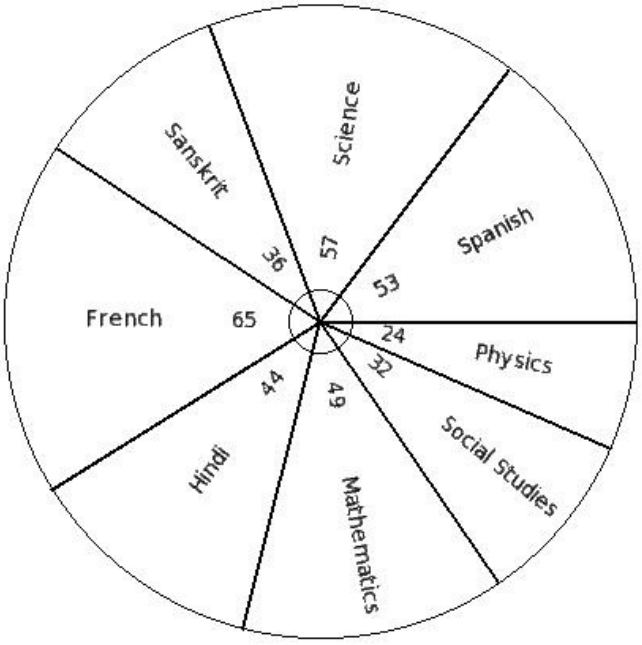
(i) 1118 (ii) 1114 (iii) 1113 (iv) 1116 (v) 1119

7. Shown below is the total food grain production of 3600 million tonnes over 5 years. Find the production (in million tonnes) in 2008.



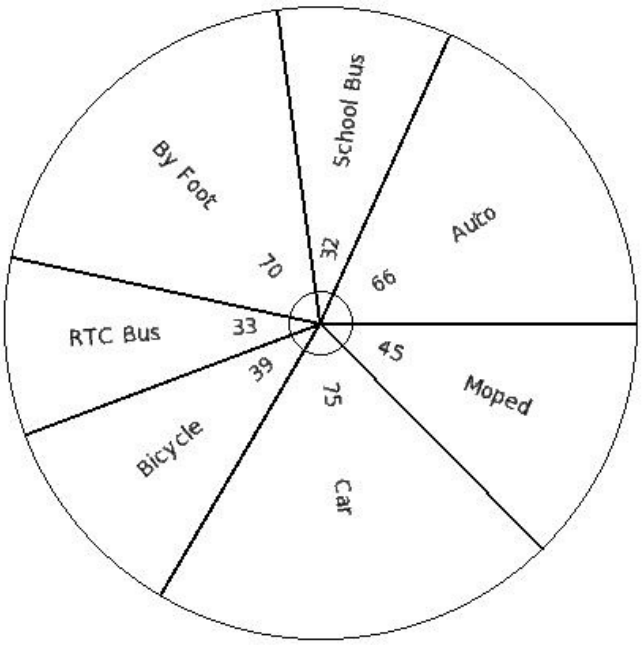
(i) 500 (ii) 502 (iii) 503 (iv) 497 (v) 498

8. The total marks obtained by Sharan in his annual exam are 445 as shown below. Find the marks in "French".



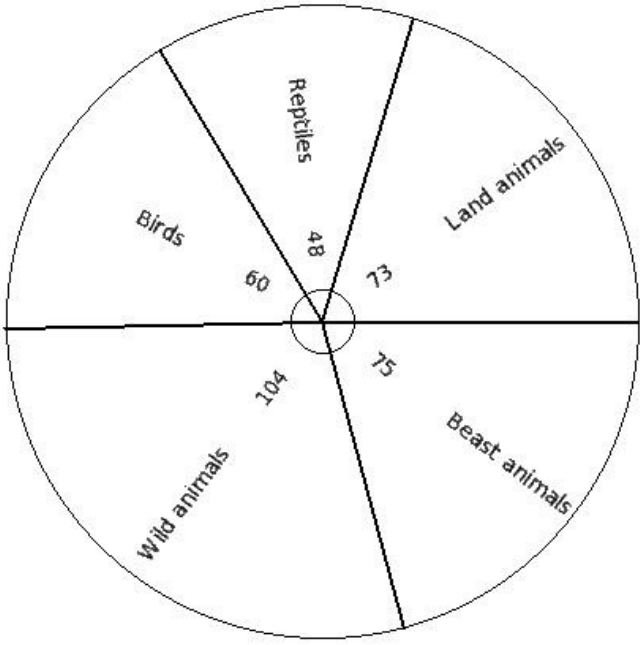
(i) 78 (ii) 83 (iii) 82 (iv) 77 (v) 80

9. 1260 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 "Moped".



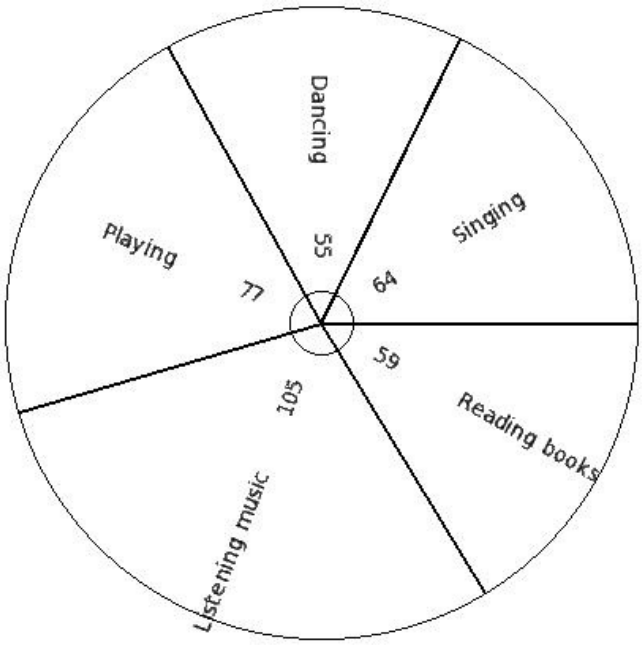
(i) 156 (ii) 158 (iii) 161 (iv) 160 (v) 155

10. There are 1800 creatures in a zoo. Find the count of "Land animals".



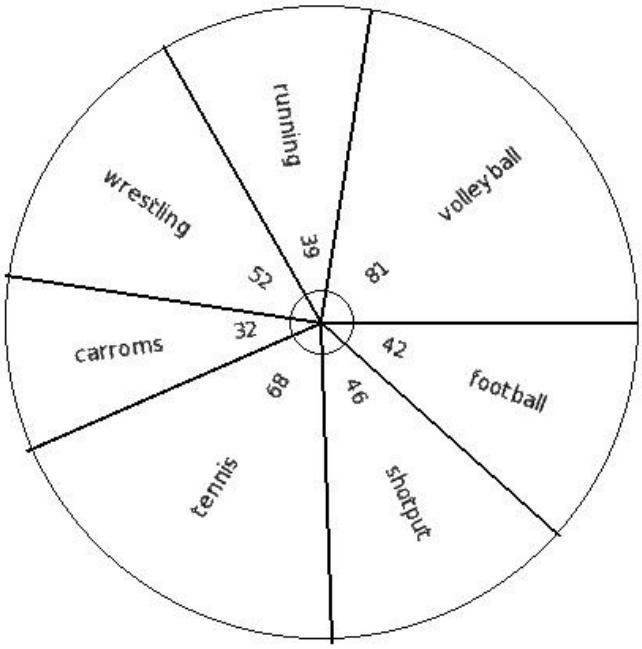
(i) 367 (ii) 362 (iii) 368 (iv) 365 (v) 363

11. A survey of 180 school students was done to know the preferred free time activity. Find the number of students who prefer "Reading books".



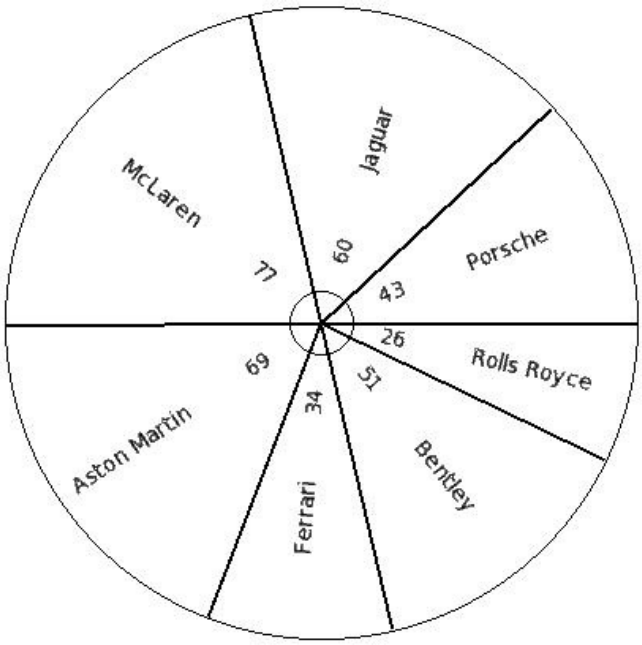
(i) 27 (ii) 30 (iii) 28 (iv) 33 (v) 32

12. The following pie chart shows 180 students of a school participating in various games. Find the number of students who participate in "volleyball".



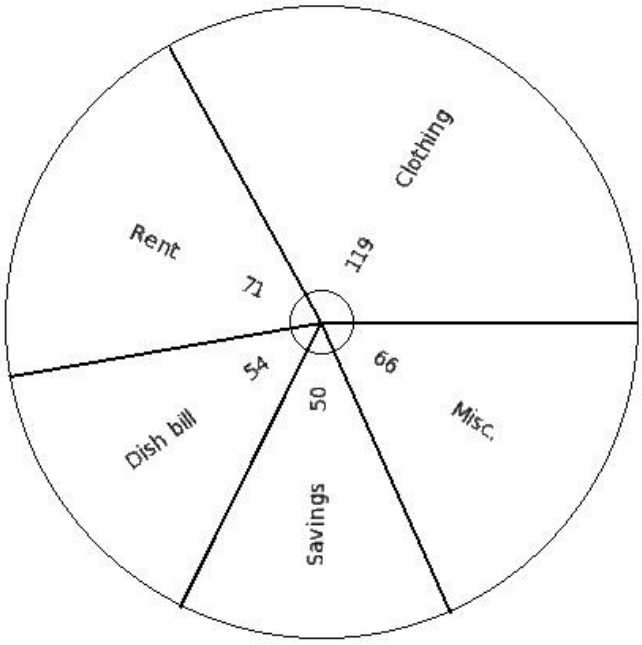
(i) 44 (ii) 39 (iii) 43 (iv) 41 (v) 38

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



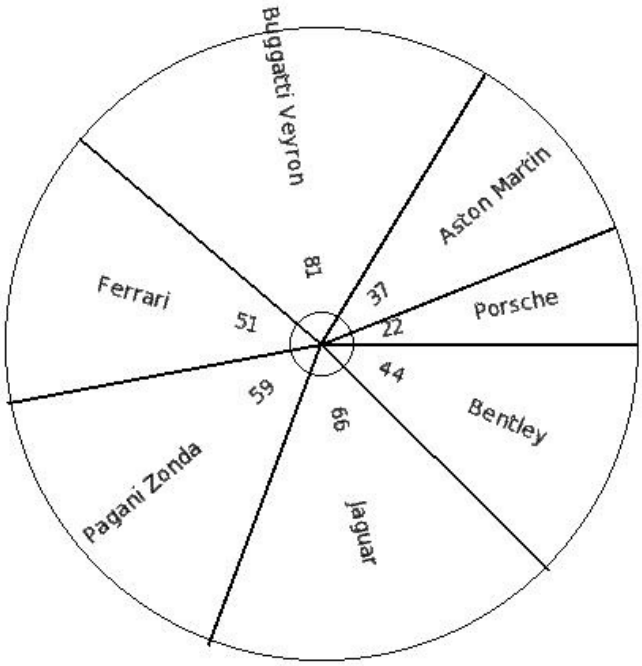
(i) 27 (ii) 25 (iii) 29 (iv) 26 (v) 23

14. The pie diagram given below shows the monthly family expenditure of a person earning ₹10080 per month. How much does he spend on "Rent"?



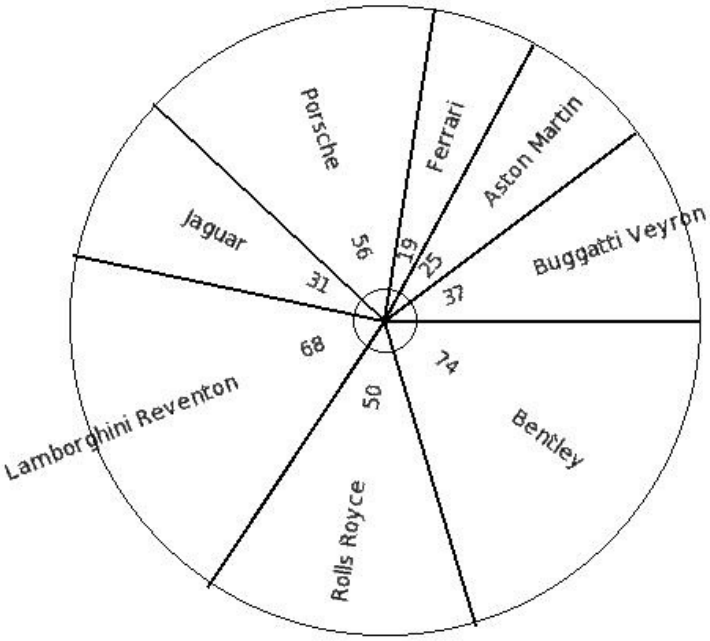
(i) ₹1987.00 (ii) ₹1988.00 (iii) ₹1986.00 (iv) ₹1990.00 (v) ₹1989.00

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



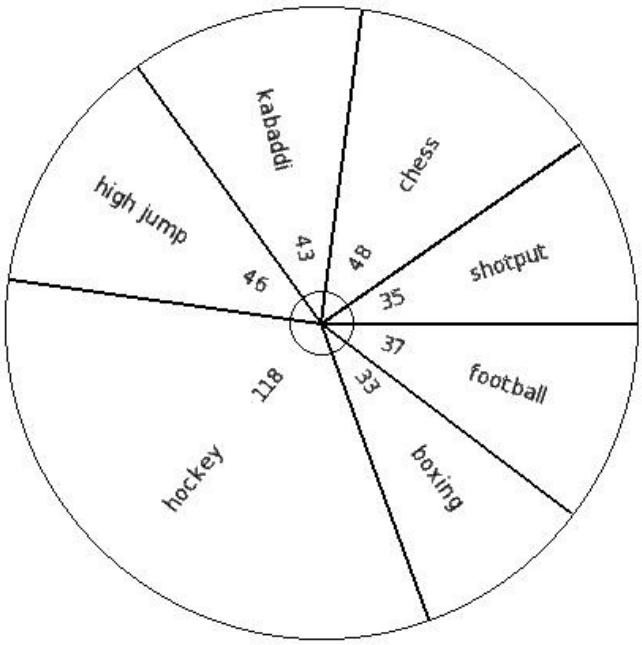
(i) Pagani Zonda (ii) Ferrari (iii) Buggatti Veyron (iv) Jaguar (v) Bentley

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



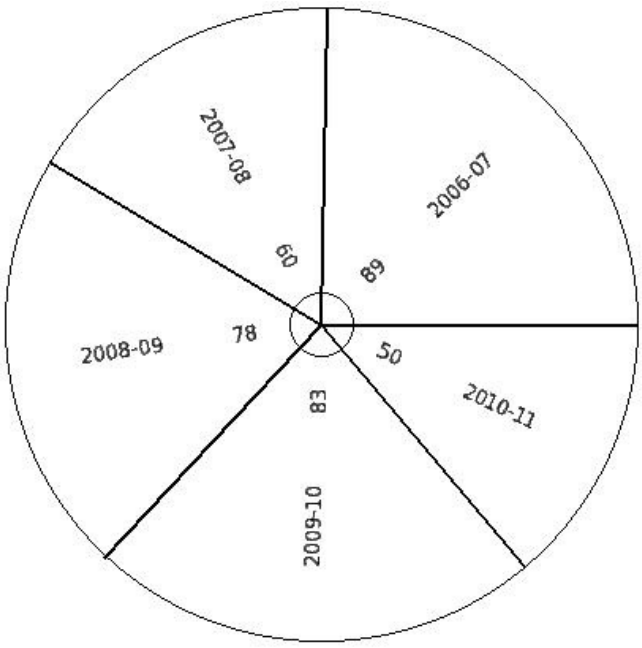
(i) Ferrari (ii) Bentley (iii) Porsche (iv) Rolls Royce (v) Jaguar

17. The number of sectors present in the pie chart



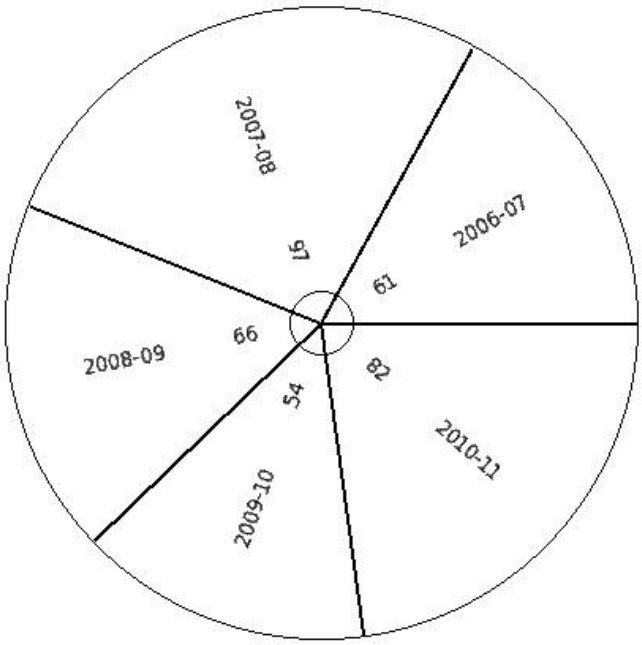
(i) 6 (ii) 9 (iii) 7 (iv) 8 (v) 5

18. The total export earnings of ₹785 thousand crore of a country during five years is shown below. Find the year that has maximum export earnings.



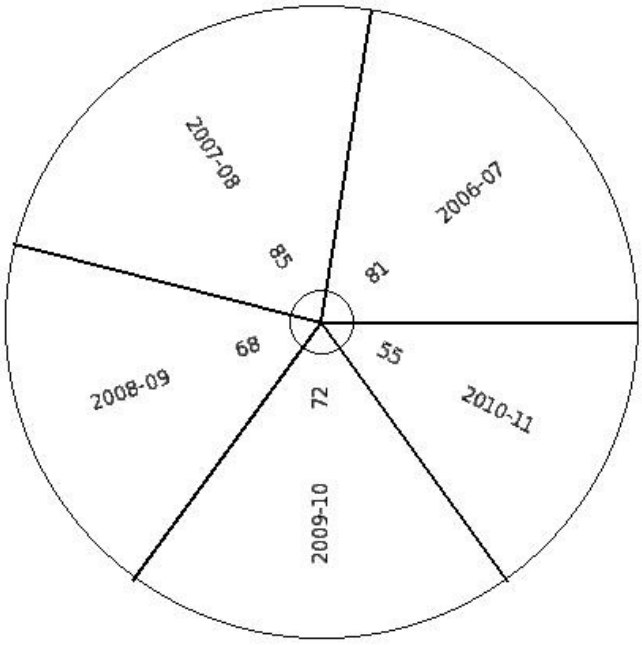
(i) 2008-09 (ii) 2009-10 (iii) 2006-07 (iv) 2010-11 (v) 2007-08

19. The total export earnings of ₹705 thousand crore of a country during five years is shown below. Find the year that has minimum export earnings.



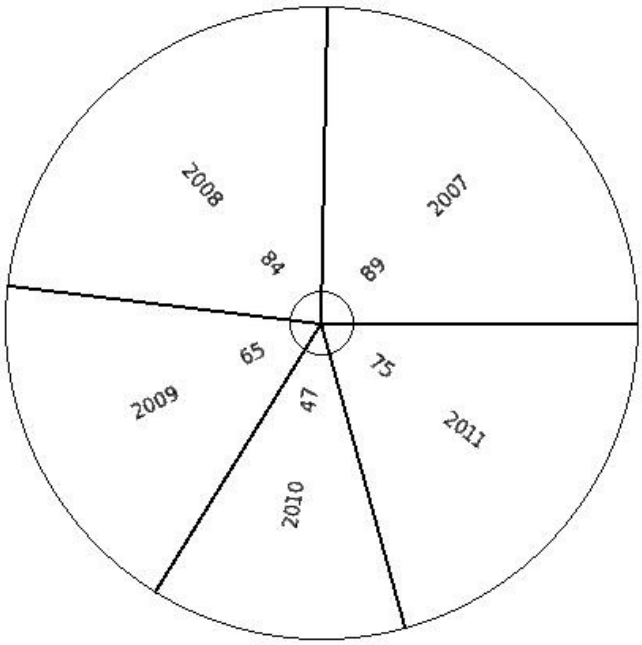
(i) 2009-10 (ii) 2007-08 (iii) 2010-11 (iv) 2006-07 (v) 2008-09

20. The total export earnings of ₹825 thousand crore of a country during five years is shown below. Find the year that has 195 thousand crore export earnings.



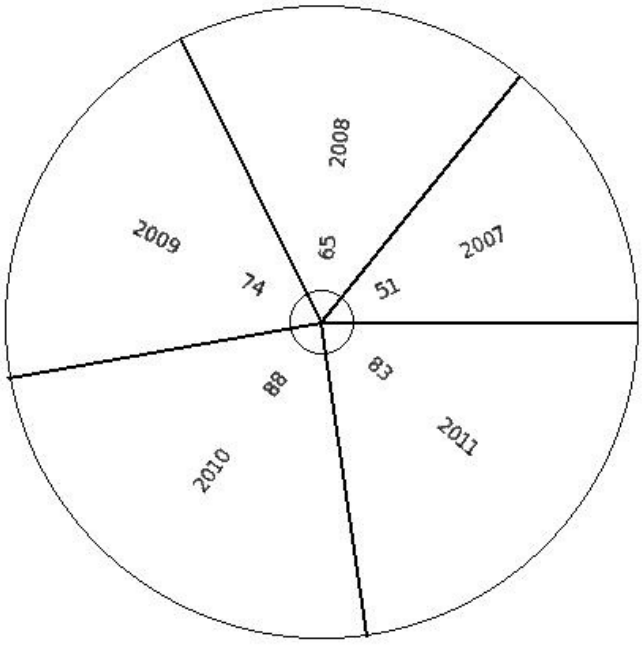
(i) 2006-07 (ii) 2008-09 (iii) 2007-08 (iv) 2009-10 (v) 2010-11

21. Shown below is the total food grain production of 385 million tonnes over 5 years. Find the year that has maximum food grain production.



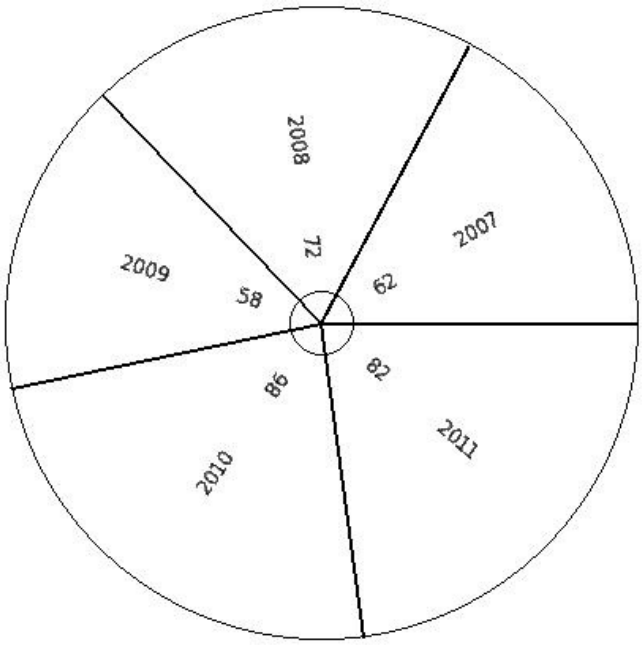
(i) 2007 (ii) 2008 (iii) 2011 (iv) 2009 (v) 2010

22. Shown below is the total food grain production of 390 million tonnes over 5 years. Find the year that has minimum food grain production.



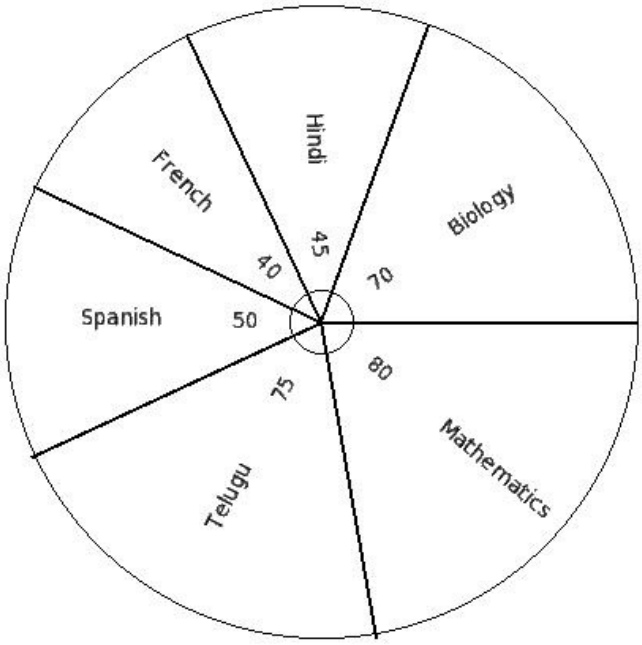
(i) 2007 (ii) 2008 (iii) 2010 (iv) 2011 (v) 2009

23. Shown below is the total food grain production of 375 million tonnes over 5 years. Find the year that has 75 million tonnes food grain production.



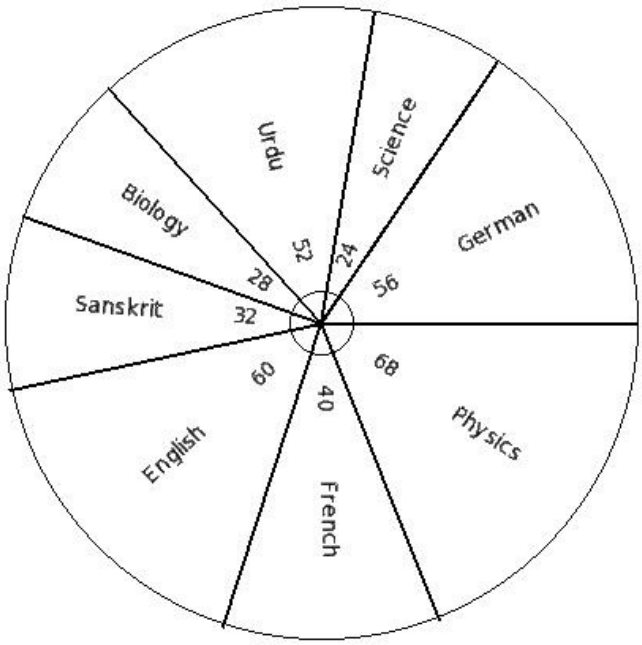
(i) 2009 (ii) 2007 (iii) 2011 (iv) 2010 (v) 2008

24. The total marks obtained by Satya in his annual exam are 360 as shown below. Find the subject that has maximum score.



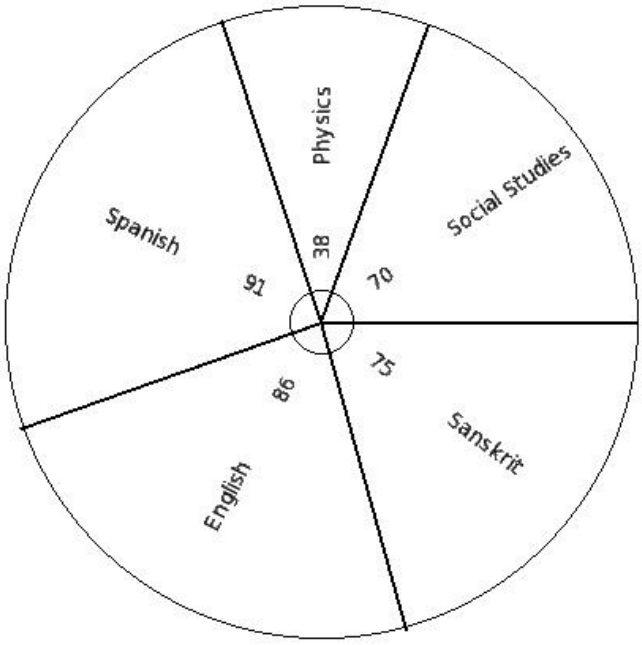
(i) Spanish (ii) French (iii) Telugu (iv) Biology (v) Mathematics

25. The total marks obtained by Prasad in his annual exam are 450 as shown below. Find the subject that has minimum score.



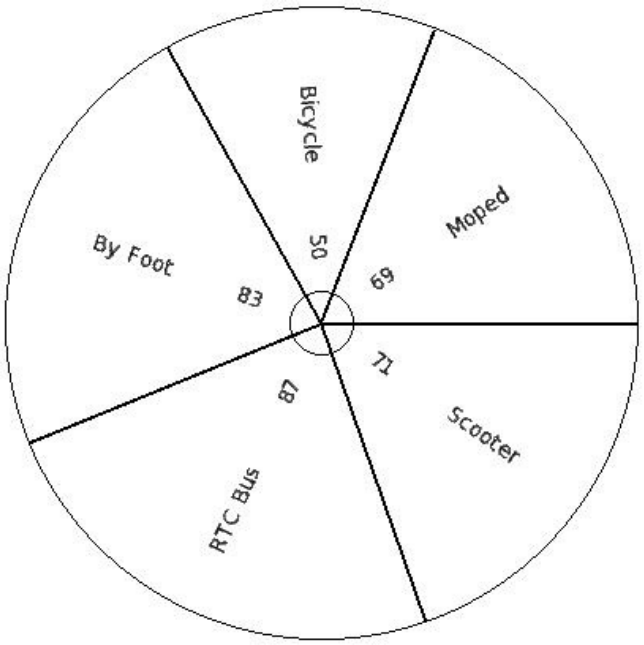
(i) Science (ii) Physics (iii) Sanskrit (iv) Biology (v) English

26. The total marks obtained by Vikram in his annual exam are 335 as shown below. Find the subject that has 65 score.



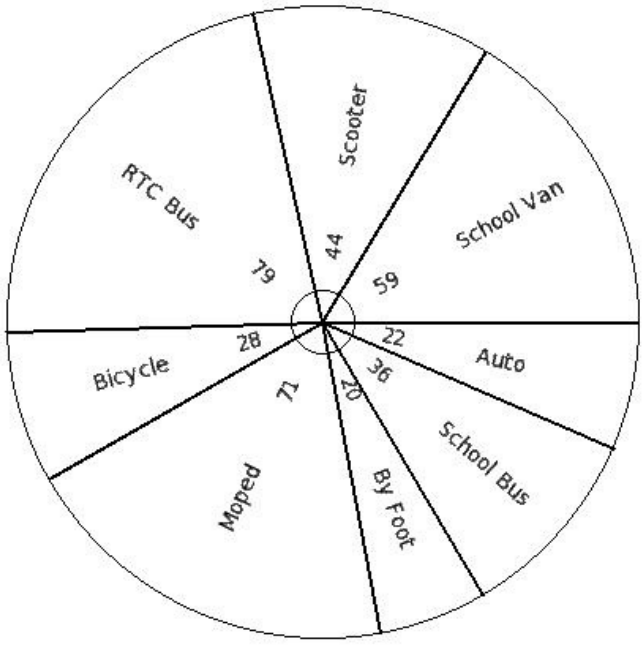
(i) Sanskrit (ii) Spanish (iii) English (iv) Physics (v) Social Studies

27. 1570 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has maximum students.



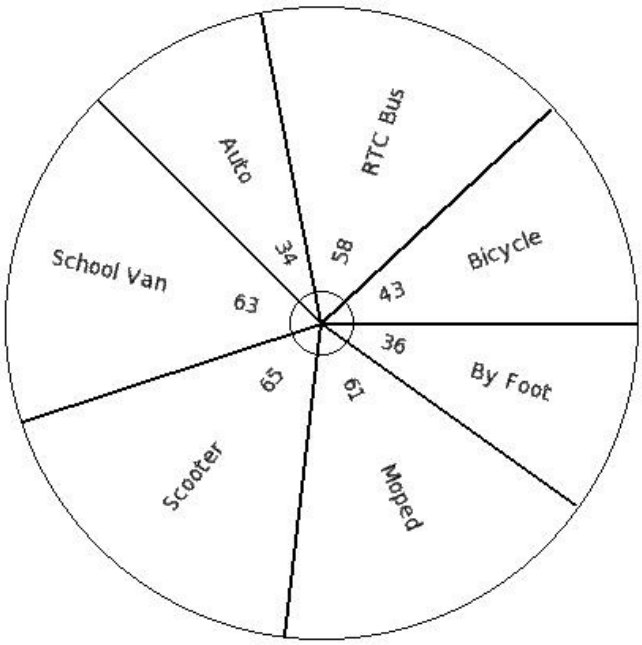
(i) Scooter (ii) RTC Bus (iii) By Foot (iv) Bicycle (v) Moped

28. 1780 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has minimum students.



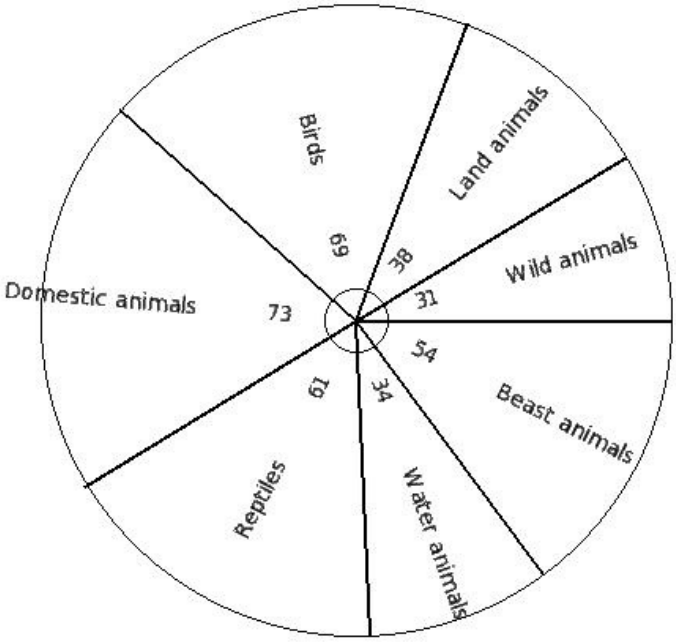
(i) By Foot (ii) RTC Bus (iii) Bicycle (iv) Auto (v) Scooter

29. 2000 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has 350 students.



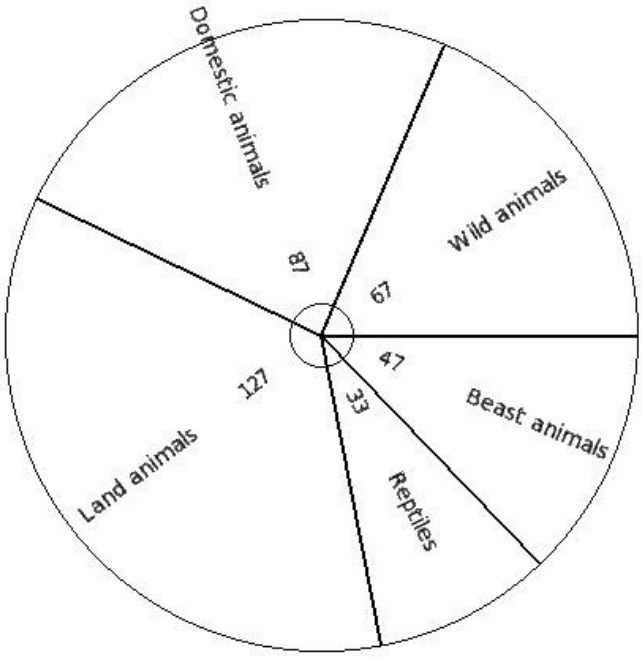
(i) Bicycle (ii) Auto (iii) Scooter (iv) RTC Bus (v) School Van

30. There are 940 creatures in a zoo. Find the type of creature that has maximum presense in the zoo.



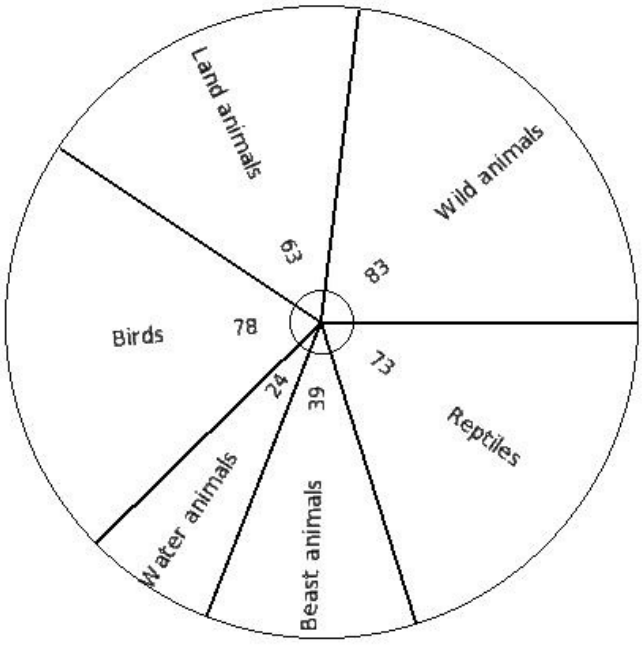
(i) Reptiles (ii) Domestic animals (iii) Birds (iv) Land animals (v) Water animals

31. There are 540 creatures in a zoo. Find the type of creature that has minimum presense in the zoo.



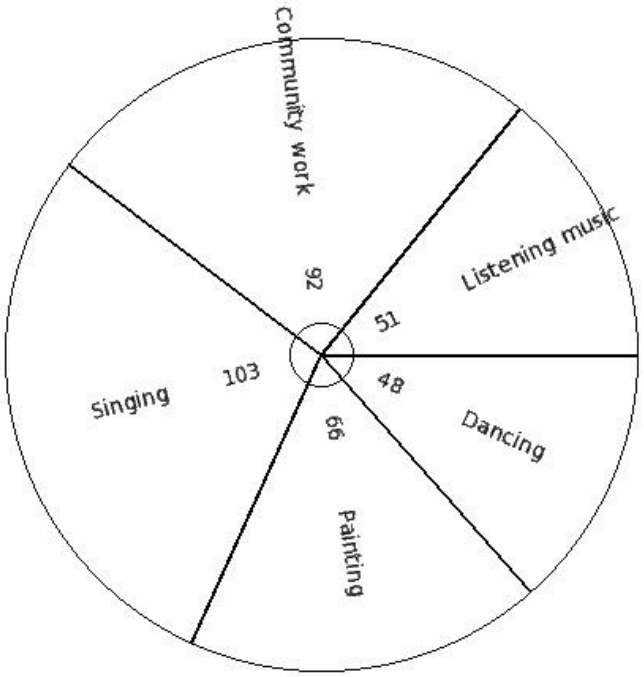
(i) Reptiles (ii) Beast animals (iii) Domestic animals (iv) Land animals (v) Wild animals

32. There are 740 creatures in a zoo. Find the type of creature that has 150 creatures presense in the zoo.



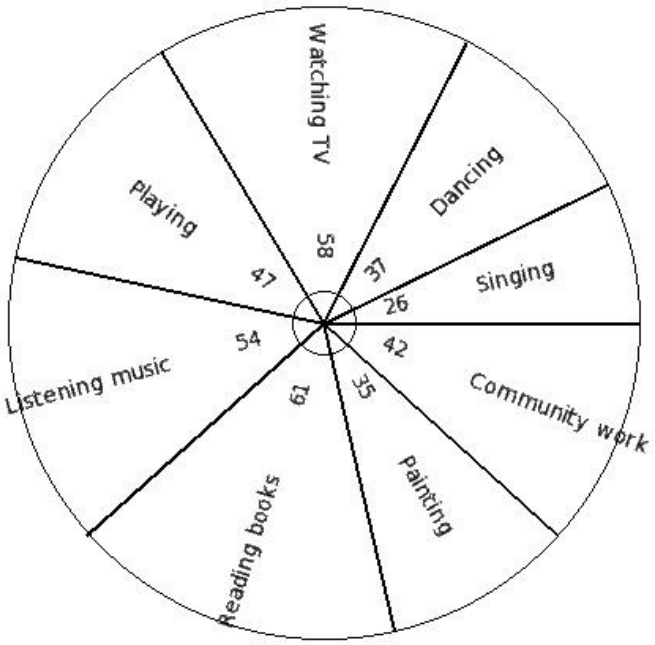
(i) Reptiles (ii) Water animals (iii) Land animals (iv) Wild animals (v) Beast animals

33. A survey of 980 school students was done to knowthe preferred free time activity. Find the activity that has maximum preference.



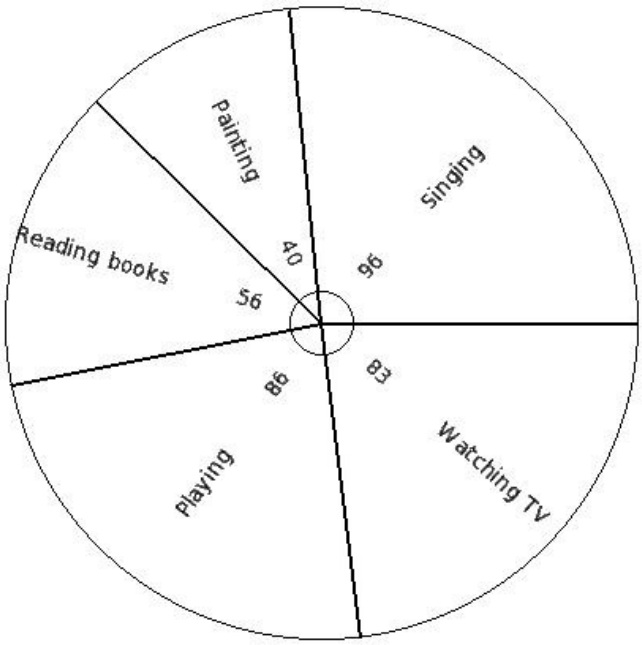
(i) Community work (ii) Listening music (iii) Singing (iv) Painting (v) Dancing

34. A survey of 1540 school students was done to knowthe preferred free time activity. Find the activity that has minimum preference.



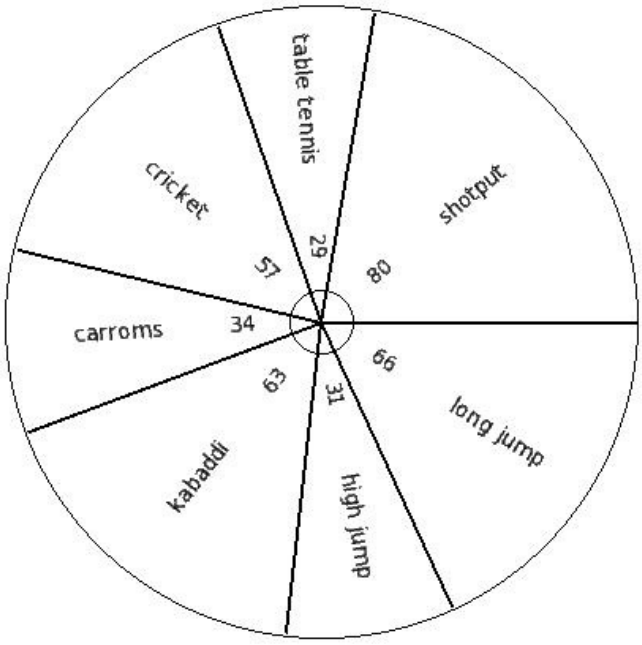
(i) Watching TV (ii) Reading books (iii) Listening music (iv) Playing (v) Singing

35. A survey of 1090 school students was done to knowthe preferred free time activity. Find the activity that has 290 student preference.



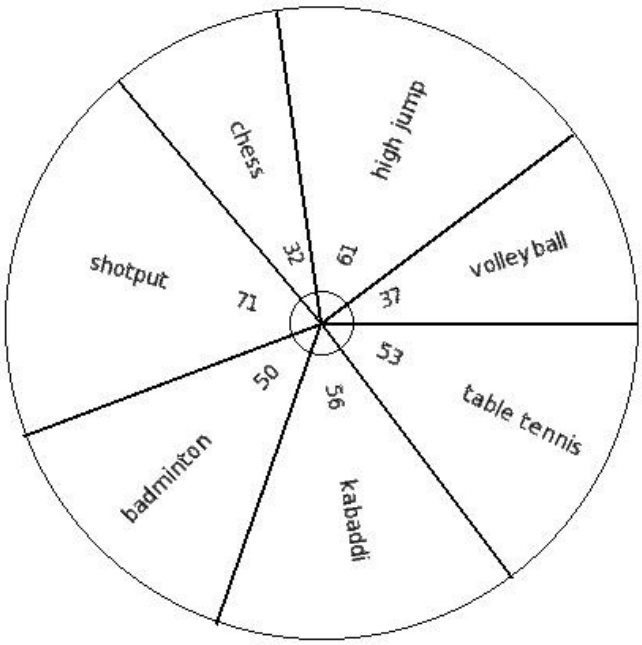
(i) Playing (ii) Singing (iii) Painting (iv) Watching TV (v) Reading books

36. The following pie chart shows 1260 students of a school participating in various games. Find the game that has maximum participation.



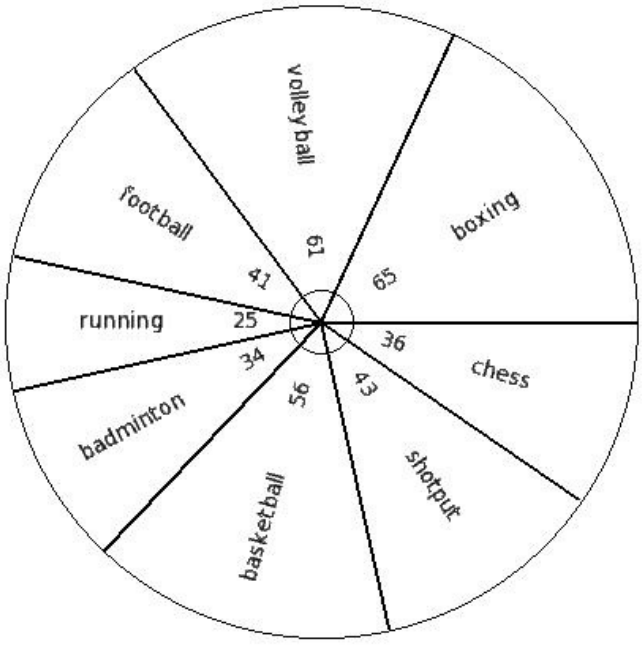
(i) table tennis (ii) shotput (iii) kabaddi (iv) high jump (v) carroms

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



(i) volleyball (ii) badminton (iii) chess (iv) table tennis (v) shotput

38. The following pie chart shows 1600 students of a school participating in various games. Find the game that has 150 student participation.



(i) chess (ii) running (iii) badminton (iv) volleyball (v) boxing

39. The following table gives the data regarding the favourite sport of 432 students of a school. Find the pie chart sector angle for "shotput"

Sport	badminton	shotput	tennis	running	carroms	chess	wrestling	kabaddi
No. of students	18	27	36	90	63	45	54	99

(i) 24.50° (ii) 21.50° (iii) 20.50° (iv) 22.50° (v) 23.50°

40. A man earns Rs 2925 per month. His expenditure during a month is as follows. Find the pie chart sector angle for "Misc."

Item	Misc.	Loan	Dish bill	Savings	Electricity	Clothing	Net bill
Expenses (in rupees)	135	225	315	405	495	585	765

(i) 16.62° (ii) 18.62° (iii) 15.62° (iv) 17.62° (v) 14.62°

41. Pie-diagram consists of

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

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

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

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

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

44. The total export earnings of ₹3690 crores of a country during five years is shown below. Find the pie chart sector angle for "2009-10"

Years	2006-07	2007-08	2008-09	2009-10	2010-11
Exports(in thousand crore)	360	630	720	900	1080

(i) 89.80° (ii) 87.80° (iii) 85.80° (iv) 88.80° (v) 86.80°

45. Shown below is the total food grain production of 4320 million tonnes over 5 years. Find the pie chart sector angle for "2008"

Years	2007	2008	2009	2010	2011
Foodgrains (in million tonnes)	360	630	900	1080	1350

(i) 53.50° (ii) 54.50° (iii) 50.50° (iv) 52.50° (v) 51.50°

46. The total marks obtained by Akbar in his annual exam are 350 as shown below. Find the pie chart sector angle for "Social Studies"

Subject	Sanskrit	Science	Social Studies	English	Urdu
Marks obtained	65	75	55	70	85

(i) 58.57° (ii) 55.57° (iii) 56.57° (iv) 54.57° (v) 57.57°

47. 504 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	School Van	Moped	Scooter	Auto	Bicycle
No. of students	54	72	90	126	162

(i) 52.43° (ii) 49.43° (iii) 51.43° (iv) 50.43° (v) 53.43°

48. There are 5040 creatures in a zoo as shown below. Find the pie chart sector angle for "Birds"

Type of creatures	Beast animals	Land animals	Water animals	Domestic animals	Reptiles	Birds
No. of creatures	360	630	810	990	1080	1170

(i) 82.57° (ii) 83.57° (iii) 81.57° (iv) 85.57° (v) 84.57°

49. The table below shows the preferred free time activity of 828 school students. Find the pie chart sector angle for "Singing"

Activity	Playing	Watching TV	Painting	Community work	Singing	Listening music
No.of students	36	108	126	144	180	234

(i) 76.26° (ii) 78.26° (iii) 79.26° (iv) 77.26° (v) 80.26°

50. The following table shows 504 students of a school participating in various games. Find the pie chart sector angle for "volleyball"

Games	table tennis	kabaddi	badminton	volleyball	cricket
No. of students	54	72	90	126	162

(i) 92.00° (ii) 90.00° (iii) 91.00° (iv) 89.00° (v) 88.00°

Assignment Key

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

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