

Name : Bar Diagrams

Chapter : Statistics

Grade: ICSE Grade VI

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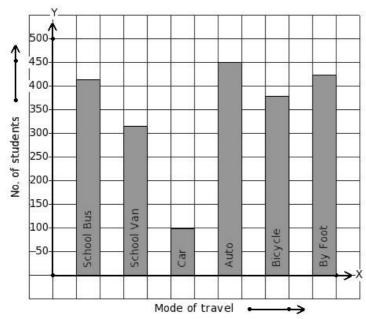
The following table gives the data regarding the favourite sport of 134 students of a school.

l. Find number of students who likehockey.

Sport	table tennis	tennis	hockey	high jump	running
No. of Students	31	11	15	32	45

(i) 13 (ii) 16 (iii) 15 (iv) 14 (v) 18

2. 2079 students of a school use different modes of travel to school. Identify the table for the given bar diagram.



/i)	Mode of travel	School Bus	School Van	Car	Auto	Bicycle	By Foot
(1)	No. of students	414	315	99	450	378	423

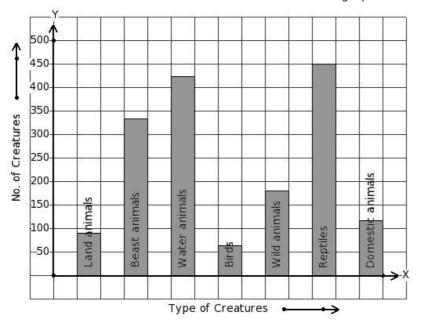
/ii)	Mode of travel	School Bus	School Van	Car	Auto	Bicycle	By Foot
(11)	No. of students	450	378	423	414	99	315

(iii)	Mode of travel	School Bus	School Van	Car	Auto	Bicycle	By Foot
(111)	No. of students	423	315	99	414	378	450

(iv)	Mode of travel	School Bus	School Van	Car	Auto	Bicycle	By Foot
(1V)	No. of students	99	450	315	414	378	423

(,,)	Mode of travel	School Bus	School Van	Car	Auto	Bicycle	By Foot
(V)	No. of students	414	423	378	315	450	99

3. There are 1656 creatures in a zoo as shown in the bar graph. Identify the table for the given bar diagram.



(i)	Type of Creatures	Land animals	Beast animals	Water animals	Birds	Wild animals	Reptiles	Domestic animals
	No of Creatures	90	333	423	63	180	450	117

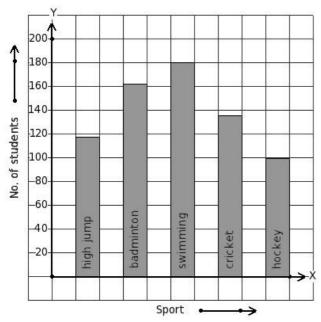
(ii)	Type of Creatures	Land animals	Beast animals	Water animals	Birds	Wild animals	Reptiles	Domestic animals
	No. of Creatures	90	63	333	117	180	423	450

(iii)	Type of Creatures	Land animals	Beast animals	Water animals	Birds	Wild animals	Reptiles	Domestic animals
	No. of Creatures	450	423	180	90	63	117	333

(iv)	Type of Creatures	Land animals	Beast animals	Water animals	Birds	Wild animals	Reptiles	Domestic animals	
	No. of Creatures	333	180	450	117	423	63	90	

(v)	Type of Creatures	Land animals	Beast animals	Water animals	Birds	Wild animals	Reptiles	Domestic animals
	No. of Creatures	333	117	90	423	180	450	63

4. The following bar graph gives data regarding the favourite sport of 693 students of a school. Identify the table for the given bar diagram.



/i)	Sport	high jump	badminton	swimming	cricket	hockey
(1)	No. of students	135	162	99	180	117

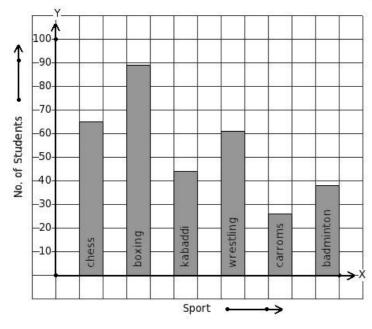
(ii)	Sport	high jump	badminton	swimming	cricket	hockey	
(11)	No. of students	117	162	180	135	99	

(iii)	Sport	high jump	badminton	swimming	cricket	hockey
(111)	No. of students	117	180	99	135	162

(i) ()	Sport	high jump	badminton	swimming	cricket	hockey
(iv)	No. of students	180	162	135	99	117

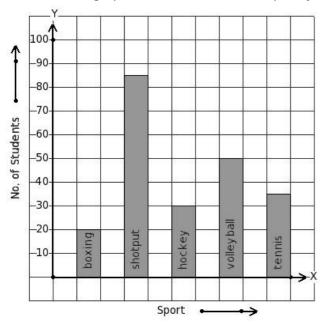
(v)	Sport	high jump	badminton	swimming	cricket	hockey
(V)	No. of students	99	180	135	117	162

5. The number of bars present in the bar chart of the following table is

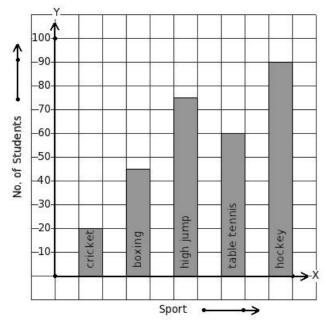


(i) 8 (ii) 7 (iii) 3 (iv) 5 (v) 6

6. Given the bar graph, find the maximum frequency



- (i) 80 (ii) 85 (iii) 95 (iv) 90 (v) 100
- 7. Given the bar graph, find the minimum frequency



(i) 15 (ii) 25 (iii) 35 (iv) 30 (v) 20

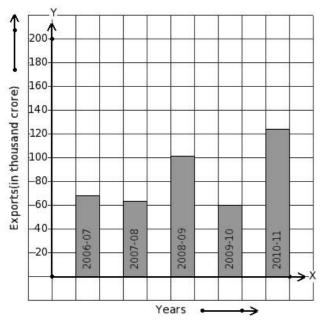
549 students of a certain locality use different modes of travel to school as given below.

0	Mode of travel	By Foot	Auto	RTC Bus	Scooter	Moped	
0.	No. of Students	72	99	108	126	144	

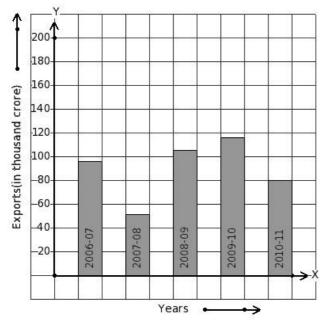
Find the number of students whose travelling mode is Scooter.

(i) 123 (ii) 126 (iii) 128 (iv) 125 (v) 127

9. The following bar graph shows the export earnings of a country (in thousand crore) during five years. Find the year that has maximum export earnings.

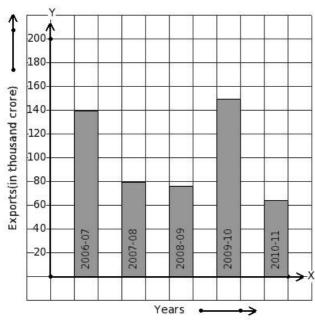


- (i) 2007-08 (ii) 2009-10 (iii) 2010-11 (iv) 2006-07 (v) 2008-09
- 10. The following bar graph shows the export earnings of a country (in thousand crore) during five years. Find the year that has minimum export earnings.



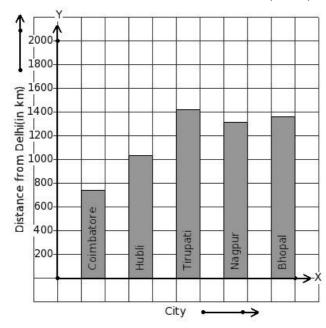
(i) 2006-07 (ii) 2010-11 (iii) 2009-10 (iv) 2008-09 (v) 2007-08

11. The following bar graph shows the export earnings of a country (in thousand crore) during five years. Find the year that has 149 thousand crore export earnings.



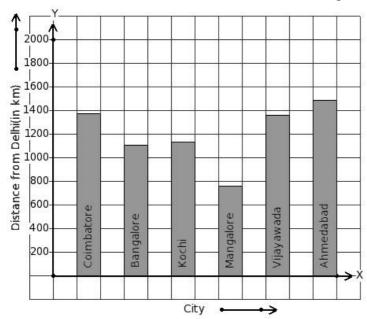
(i) 2006-07 (ii) 2010-11 (iii) 2007-08 (iv) 2008-09 (v) 2009-10

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



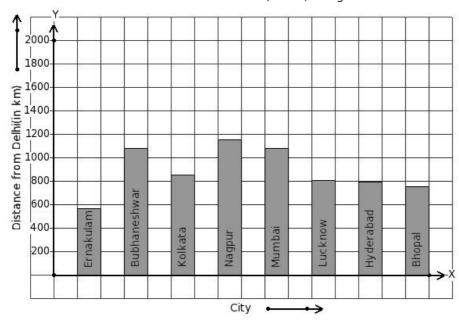
(i) Nagpur (ii) Bhopal (iii) Coimbatore (iv) Tirupati (v) Hubli

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



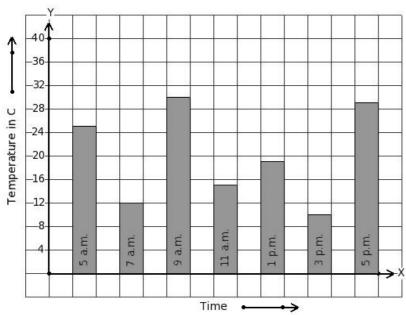
(i) Bangalore (ii) Mangalore (iii) Ahmedabad (iv) Kochi (v) Coimbatore

14. The air distance of some cities from Delhi (in km) are given below. Find the city that has 1155 km distance.



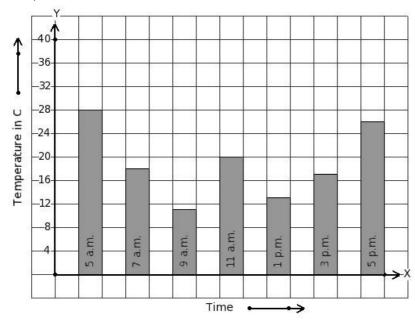
(i) Bubhaneshwar (ii) Nagpur (iii) Mumbai (iv) Kolkata (v) Ernakulam

15. On a certain day, the temperature in a city was recorded as shown below. Find the time that has maximum temperature.



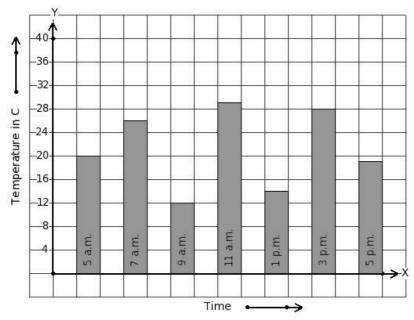
(i) 11 a.m. (ii) 7 a.m. (iii) 1 p.m. (iv) 9 a.m. (v) 5 a.m.

On a certain day, the temperature in a city was recorded as shown below. Find the time that has minimum temperature.



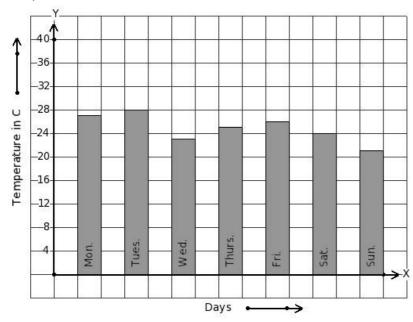
(i) 5 p.m. (ii) 11 a.m. (iii) 5 a.m. (iv) 7 a.m. (v) 9 a.m.

On a certain day, the temperature in a city was recorded as shown below. Find the time that has 28 $^{\circ}$ C temperature.



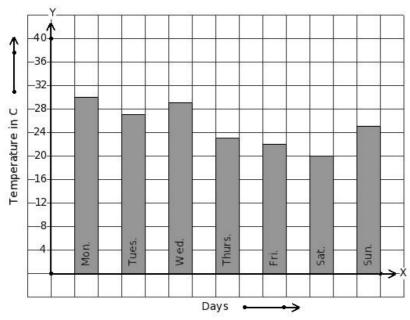
(i) 7 a.m. (ii) 1 p.m. (iii) 3 p.m. (iv) 11 a.m. (v) 5 p.m.

Following bar graph gives the average temperature of a place during a week. Find the day that has maximum temperature.



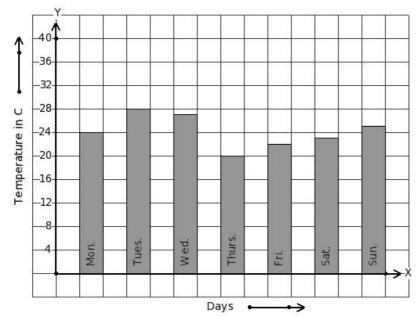
(i) Thurs. (ii) Tues. (iii) Sun. (iv) Wed. (v) Fri.

19. Following bar graph gives the average temperature of a place during a week. Find the day that has minimum temperature.



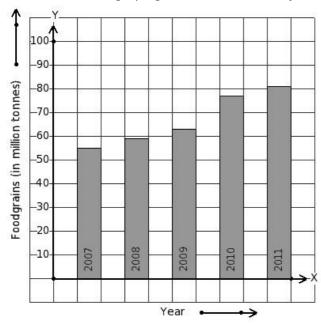
(i) Mon. (ii) Sat. (iii) Thurs. (iv) Sun. (v) Tues.

20. Following bar graph gives the average temperature of a place during a week. Find the day that has 23 °C temperature.



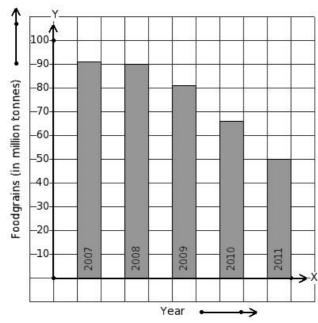
(i) Tues. (ii) Sat. (iii) Sun. (iv) Thurs. (v) Mon.

21. Read the column-graph given below. Find the year that has maximum food grains production.



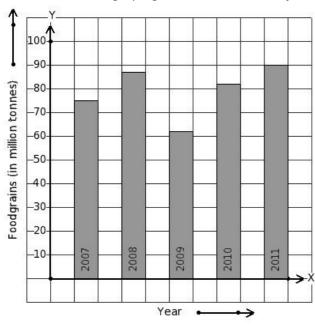
(i) 2011 (ii) 2009 (iii) 2008 (iv) 2010 (v) 2007

22. Read the column-graph given below. Find the year that has minimum food grains production.



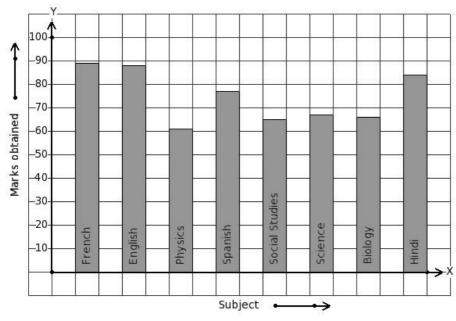
(i) 2008 (ii) 2009 (iii) 2011 (iv) 2007 (v) 2010

23. Read the column-graph given below. Find the year that has 87 million tonnes food grains production.



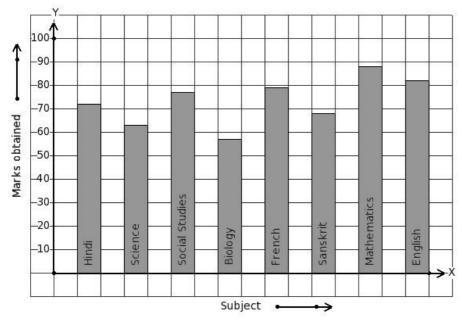
(i) 2007 (ii) 2010 (iii) 2011 (iv) 2008 (v) 2009

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



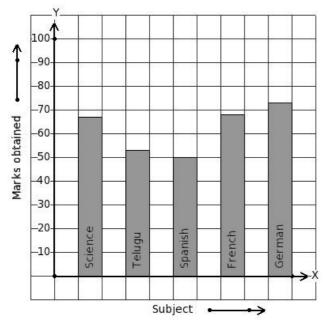
(i) Biology (ii) English (iii) Spanish (iv) Hindi (v) French

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



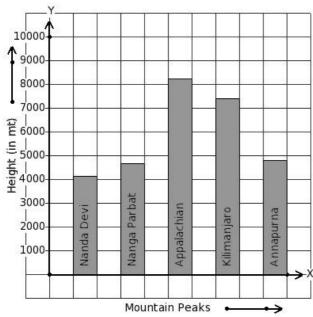
(i) French (ii) Biology (iii) Sanskrit (iv) Science (v) English

26. The marks obtained by Rajesh in his annual exam are shown below. Find the subject that has 53 score.



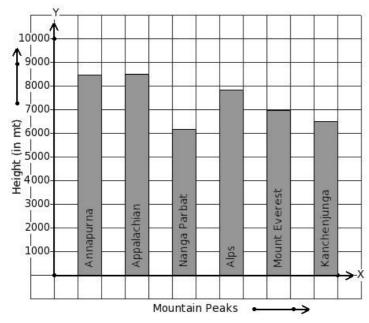
(i) Science (ii) Telugu (iii) German (iv) Spanish (v) French

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



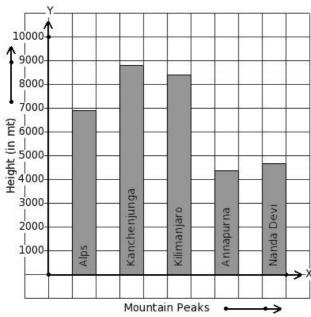
(i) Nanga Parbat (ii) Kilimanjaro (iii) Annapurna (iv) Nanda Devi (v) Appalachian

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



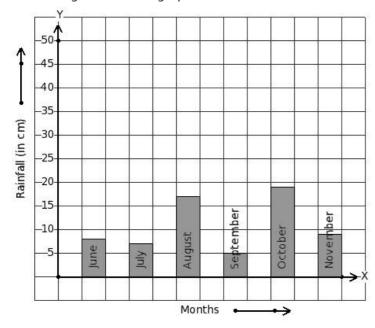
(i) Annapurna (ii) Mount Everest (iii) Nanga Parbat (iv) Kanchenjunga (v) Alps

29. Given below is the column-graph showing heights of some mountain peaks. Find the mountain that has 6905 m height.



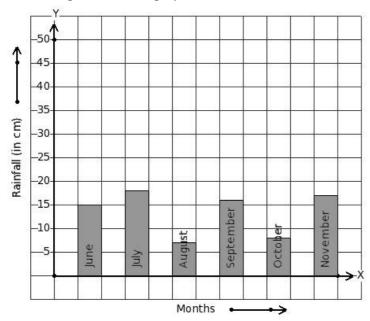
(i) Annapurna (ii) Alps (iii) Kilimanjaro (iv) Kanchenjunga (v) Nanda Devi

30. Read the given column-graph. Find the month that has maximum rainfall.



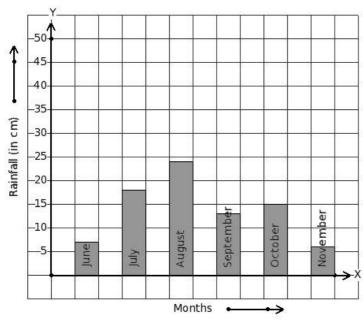
(i) October (ii) November (iii) July (iv) September (v) August

31. Read the given column-graph. Find the month that has minimum rainfall.



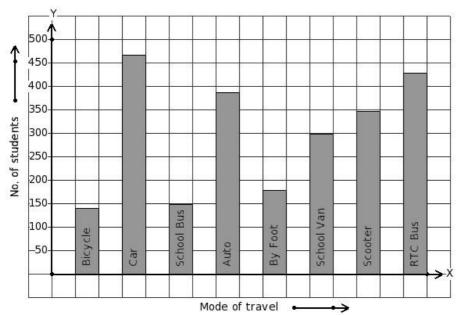
(i) June (ii) September (iii) July (iv) October (v) August

32. Read the given column-graph. Find the month that has 18 cm rainfall.



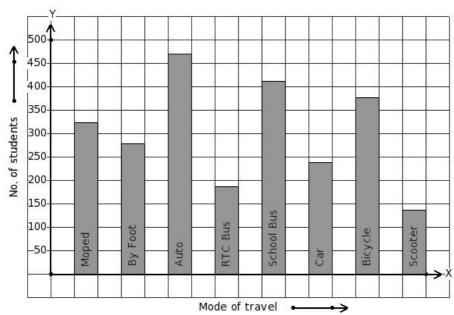
(i) November (ii) July (iii) August (iv) October (v) June

33. Students of a certain locality use different modes of travel to school as given below. Find the mode of travel that has maximum students.



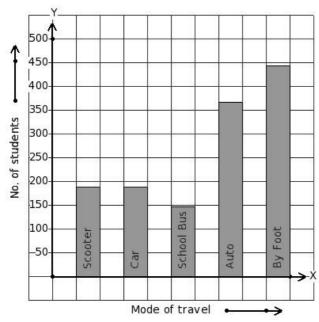
(i) School Bus (ii) School Van (iii) Bicycle (iv) RTC Bus (v) Car

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



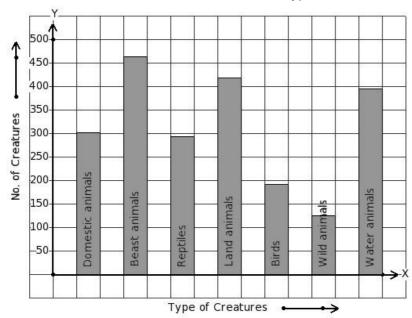
(i) School Bus (ii) Car (iii) Scooter (iv) Auto (v) RTC Bus

35. Students of a certain locality use different modes of travel to school as given below. Find the mode of travel that has 189 students.



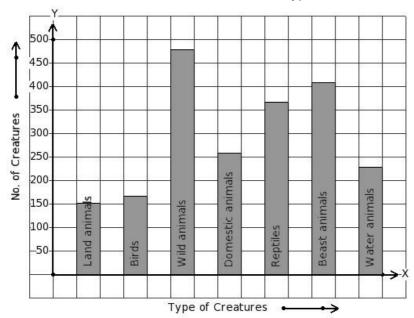
(i) Auto (ii) Car (iii) Scooter (iv) By Foot (v) School Bus

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



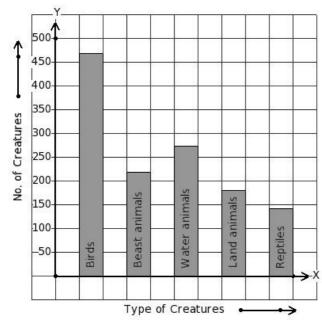
(i) Water animals (ii) Reptiles (iii) Birds (iv) Beast animals (v) Land animals

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



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

38. There are certain creatures in a zoo. Find the type of creature that has 274 creatures presense in the zoo.



- (i) Birds (ii) Reptiles (iii) Water animals (iv) Land animals (v) Beast animals
- 39. In a bar diagram the value represented by a rectangle is proportional to its
 - (i) length (ii) area (iii) breadth (iv) perimeter

		Д	ssignment Key		
1) (iii)	2) (i)	3) (i)	4) (ii)	5) (v)	6) (ii)
7) (v)	8) (ii)	9) (iii)	10) (v)	11) (v)	12) (iv)
13) (ii)	14) (ii)	15) (iv)	16) (v)	17) (iii)	18) (ii)
19) (ii)	20) (ii)	21) (i)	22) (iii)	23) (iv)	24) (v)
25) (ii)	26) (ii)	27) (v)	28) (iii)	29) (ii)	30) (i)
31) (v)	32) (ii)	33) (v)	34) (iii)	35) (ii)	36) (iv)
37) (iii)	38) (iii)	39) (i)			

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