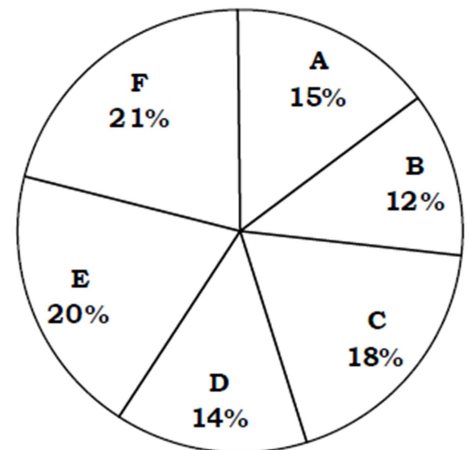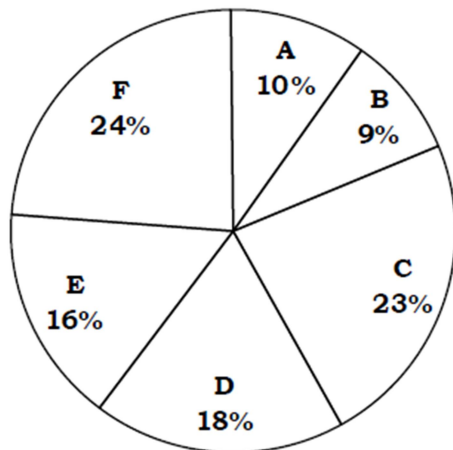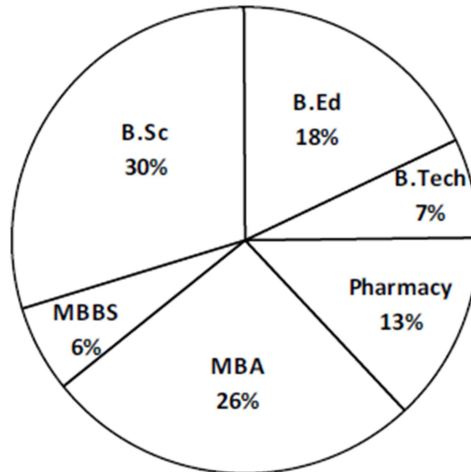**Directions (1-5): In the following charts, the first pie-chart shows the percentage distribution of total students studying in different schools and the second pie-chart shows the percentage distribution of total girl students studying in these schools. (Total number of students in all the schools together is 30000 and the ratio of boys to girls is 3:2.)**

1. What is the difference between the total number of boys and the total number of girls studying in School D?
(1) 2020   (2) 2040   (3) 2066   (4) 2680   (5) 3720

2. The number of girls studying in School C is what percentage of the number of boys studying in School E?
(1) 60%   (2) 70%   (3) 75%   (4) 80%   (5) 90%

3. What is the average of the number of boys studying in school A, B and C?
(1) 2150   (2) 2200   (3) 2350   (4) 2400   (5) 2450

4. The number of girls in School F is what percentage more than the number of girls in School A?
(1) 25%   (2) 30%   (3) 40%   (4) 50%   (5) 60%

5. Total number of boys in School F is approximately what percentage more than the total number of boys in School
(1) 21.4%   (2) 25.8%   (3) 27.5%   (4) 32%   (5) 34.6%

Directions (Q. Nos.6-10) *Study the following Pie-chart carefully to answer these questions.*

Total Students = 6500 Percentage distribution of Students in different courses

6. What is the value of **half** of the difference between the number of students in MBA and MBBS?
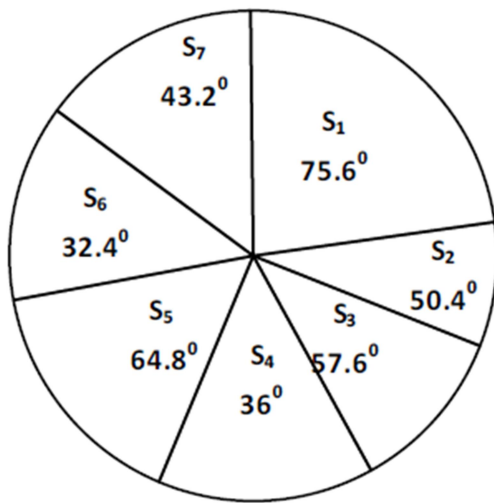(1) 800   (2) 1600   (3) 1300   (4) 650   (5) None of these

7. What percentage **(approximately)** of students are in MBA as compared to students in B.Ed.?
(1) 49   (2) 53   (3) 59   (4) 41   (5) 44

8. What is the total number of students in B.Ed., Pharmacy and MBBS together?
(1) 2465   (2) 2565   (3) 2405   (4) 2504   (5) None of these
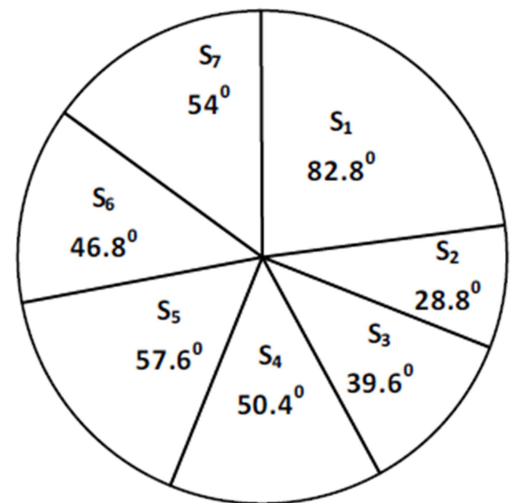

9. What is the respective ratio between the number of students in Pharmacy and the number of students in B.Tech?
(1) 11 : 13   (2) 13 : 6   (3) 13 : 7   (4) 6 : 13   (5) None of these

10. Number of students in B.Sc. is **approximately** what percentage of the number of students in B.Ed.?
(1) 167   (2) 162   (3) 157   (4) 153   (5) 150

Directions (Q. 11-15): Following pie-charts show the distribution of the total number of students selected in an entrance exam from seven different schools in 2010 and 2011. (The total number of students selected from School S₇ in 2010 and 2011 are 180 and 270 respectively.)
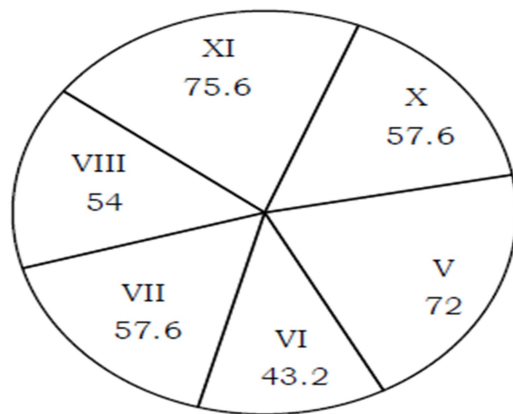

2010

2011

11. The total number of students selected from all seven schools together in the year 2011 is approximately what per cent of the total number of students selected from all seven schools in 2010?
(1) 83.33%   (2) 120%   (3) 71.42%   (4) 140%   (5) None of these

12. What is the per cent rise in the number of students selected from School S4 from 2010 to 2011 ?
(1) 60%   (2) 63%   (3) 68%   (4) 72%   (5) 75%

13. The total number of students selected from School S5 and S7 together in the year 2010 is approximately what per cent of the number of students selected from School S2 in the year 2011?
(1) 178.5%   (2) 247.5%   (3) 287.5%   (4) 312.5%   (5) 342.5%

14. What is the difference between the average number of students selected from school S1, S2 and S3 in the year 2010 and the average number of students selected from schools S5, S6 and S7 in the year 2011 ?
(1) 9   (2) 12   (3) 15   (4) 18   (5) 21

15. In which of the following schools is the per cent rise or fall in the number of students selected from 2010 to 2011 the maximum?
(1) S2   (2) S3   (3) S4   (4) S5   (5) S6

Directions (Q. 16-20): In the following pie - chart, the distribution of students of a school is given. The table gives the ratio of boys to girls among them. Total students studying in six different classes of the school is 1200.

Class	Boy : Girls
V	3 : 2
VI	3 : 1
VII	5 : 3
VIII	8 : 7
IX	4 : 3
X	1 : 1

16. What is the average of the number of girls studying in all six classes?
(1) 82   (2) 84   (3) 86   (4) 88   (5) None of these

17. What is the difference between the total number of boys and the total number of girls in all six classes together?
(1) 208   (2) 210   (3) 212   (4) 214   (5) 216

18. In the given pairs of classes, which two classes have equal number of boys in them?
(1) V - VII   (2) VII – X   (3) VIII – X   (4) IX – X   (5) None of these

19. The difference between the number of boys and the number of girls in class V is what percentage of the difference between the number of boys and the number of girls in class VII??
(1) 60%   (2) 80%   (3) 100%   (4) 120%   (5) 150%

20. The total number of boys in class VI is what percentage more than the total number of girls in class X?
(1) 8.5%   (2) 12.5%   (3) 15%   (4) 17.5%   (5) None of these