Date Interpretation Pie Chart Questions for Bank Clerk Mains & PO Exams.

DI Pie Chart Quiz 20

Directions: Study the following graph carefully & answer the questions given below it.

Percentage of students in various courses (A, B, C, D, E, F) in pie chart I and Percentage of girls in pie chart II.

Total students 1200 (800 girls + 400 boys)

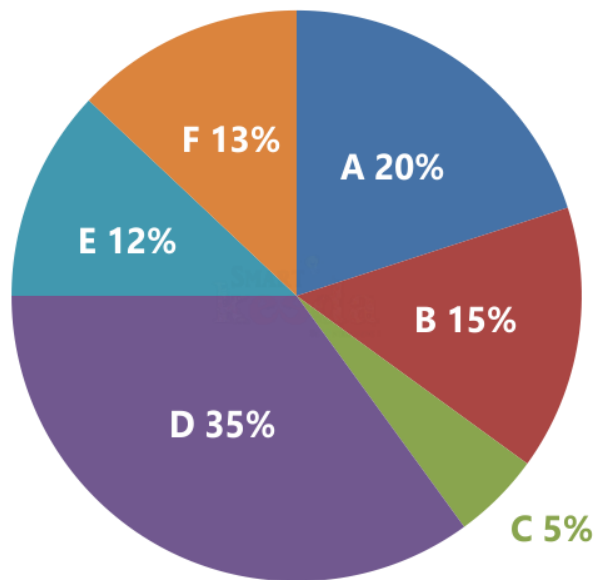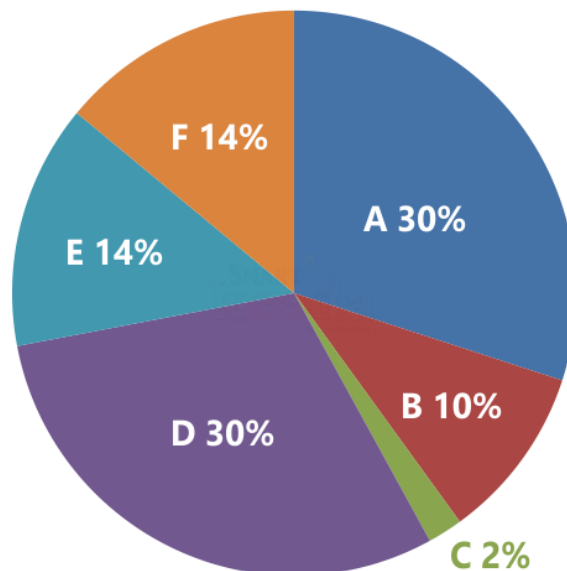### Chart I

Chart – II

1. For course D, what is the respective ratio of boys and girls?

A. 3 : 4   B. 4 : 5   C. 3 : 5   D. 5 : 6   E. None of these

2. For which pair of courses is the number of boys the same?

A. E & F   B. A & D   C. C & F   D. B & D   E. None of these

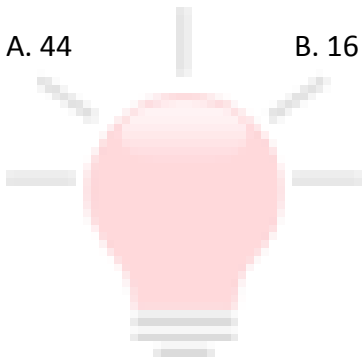**3.** For course E, the number of girls is how much per cent more than the number of boys for course E?

A. 250   B. 350   C. 150   D. 80   E. None of these

4. For which course is the number of boys the minimum?

A. E   B. F   C. C   D. A   E. None of these

5. How many girls are there in course C?

A. 44   B. 16   C. 40   D. 160   E. None of these

Correct Answers:

1	2	3	4	5
A	C	A	D	B

Explanations:

1.   Total no. of students for course D = 35% of 1200 = 420
No. of girl students for course D = 30% of 800 = 240
No. of boy students for course D = 420 − 240 = 180
Required ratio = 180 : 240 = 3 : 4
Hence, option A is correct.

2.   Total no. of students in A = 20% of 1200 = 240
Total no. of girls in A = 30% of 800 = 240
Therefore, no. of boys in course A= 240 − 240 = 0.
Similarly, we get
in B = 100
in C = 44
in D = 180
in E = 32
in F = 44
Hence, pair C & F of course is the number of boys the same.
Therefore, option C is correct.

3.   Total no. of students in course = 12% of 1200 = 144
No. of girls for course E = 14% of 800 = 112
No. of boys for course E = 144 − 112 = 32
Required % = $\dfrac{112 - 32}{32} \times 100 = 250\%$
Hence, option A is correct.

4.   Total no. of students in A = 20% of 1200 = 240
Total no. of girls in A = 30% of 800 = 240
Therefore, no. of boys in course A= 240 − 240 = 0.
Similarly, we get
in B = 100
in C = 44
in D = 180
in E = 32
in F = 44
Hence, in course A is the no. of boys minimum.

5.   Required no. of girls = 2% of 800
= $\dfrac{2 \times 800}{100} = 16$
Hence, option B is correct.