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# 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

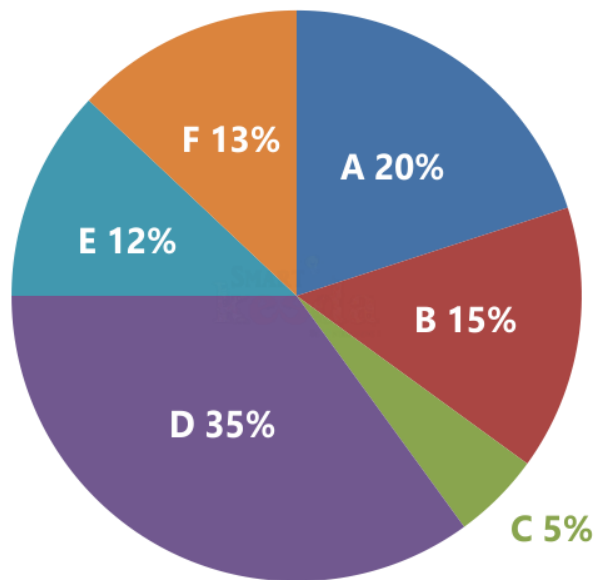
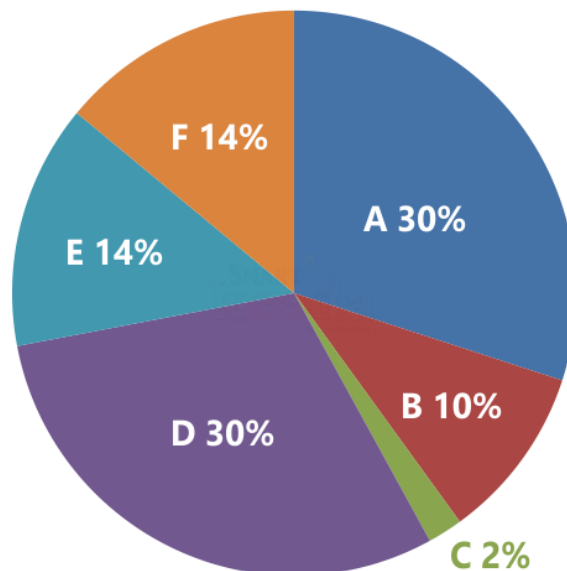


Chart – II



**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?**

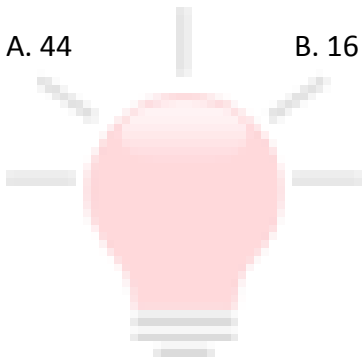
- A. 250                      B. 350                      C. 150                      D. 80                      E. None of these

**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



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**Correct Answers:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
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 % =  $\frac{112 - 32}{32} \times 100 = 250\%$

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

=  $\frac{2 \times 800}{100} = 16$

Hence, option B is correct.



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