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## बैंक परीक्षाओं के लिए निश्चित रूप से सर्वश्रेष्ठ टेस्ट सीरीज

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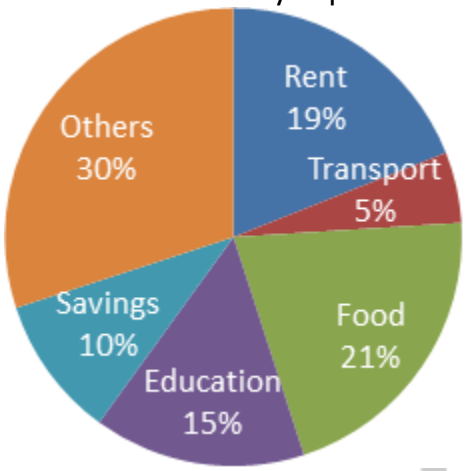
# DI Pie Chart Questions for SBI Clerk Pre, IBPS Clerk Pre, IBPS RRB Assistant Pre and LIC Assistant Pre Exams.

## DI Pie Chart No. 66

**Directions: Study the following pie chart carefully and answer the questions given beside.**

The following pie-chart represents the various monthly expenditures as well as savings of Aarnav.

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**1. If Aarnav earns Rs. 50,000, then how much he spends on Rent, Transport and Education?**

A. Rs. 20,500 B. Rs. 21,500 C. Rs. 19,500 D. Rs. 18,500 E. Rs. 22,500

**2. If Aarnav earns Rs. 20,000, then how much more does he spend on food than on education and transportation put together?**

A. Rs. 160 B. Rs. 200 C. Rs. 300 D. Rs. 240 E. Rs. 140

**3. In "others," Aarnav spends 40% for the repayment of car loan amounting to Rs. 3000. How much does he spend on transportation?**

A. Rs. 1200 B. Rs. 1500 C. Rs. 1260 D. Rs. 1250 E. Rs. 1350

**4. If a new pie chart is drawn by taking the total expenses as one part and savings as the second part, then what is the angle made by total expenses?**

A. 344° B. 340° C. 334° D. 320° E. 324°

**5. Due to an increase in the price of fuel, Aarnav has to spend Rs. 300 more on transportation. This is 20% more than usual. If other expenses remain constant, find his new savings.**

A. Rs. 2500 B. Rs. 2700 C. Rs. 2750 D. Rs. 2890 E. Rs. 2640

**Correct Answers:**

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| C | B | D | E | B |

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## Explanations :

**1.** Total percentage of salary spent on Rent, Transport and Education = {19 + 5 + 15} = 39%

Amount spend on Rent, Transport and Education = 39% of 50,000 = Rs. 19500

Hence, Option C is correct.

**2.** Total percentage of salary spent on education and transportation together is (15+5) = 20%

Also he spends 21% on food.

Aarnav spends 21 – 20 = 1% more on food.

Amount = 1% of 20,000 = Rs. 200

Hence, Option B is correct.

**3.** Expenditure of Aarnav on car loan = 40% of 30% = 12%

Given 12% → 3000

(Transportation) 5% → x

$x = \frac{(5)\ (3000)}{12}$ = Rs. 1250

Hence, Option D is correct.

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**4.** Aarnav spends 90% of his income

Angle made by this division = $\frac{90 \times 360}{100}$ = 324°

Hence, Option E is correct.

**5.** Aarnav spends 5% on transportation

His new expenditure on transportation = 120% of 5% = 6%

Increase in expenditure = 1%

His new savings = 10% – 1% = 9%

→ 1% → 300

9% → x

x = (9) (300) = Rs. 2700

Hence, Option B is correct.

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