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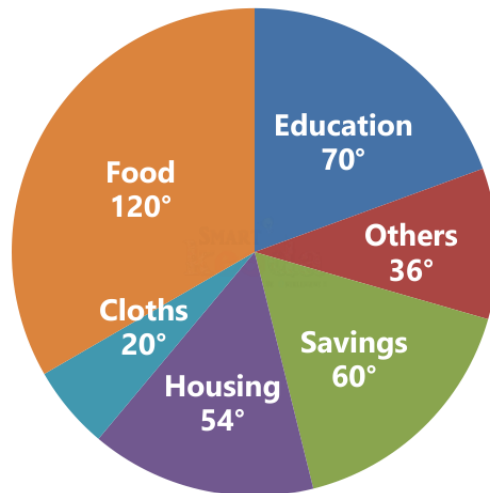
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Date Interpretation Pie Chart Questions for SSC Exams.

DI Pie Chart Quiz 9

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

The pie-chart given here shows expenditure incurred by a family on various items and their savings.



1. The ratio expenditure on food to savings is:

- A. 3 : 1 B. 3 : 2 C. 2 : 1 D. 10 : 9

2. If the expenditure on education is Rs 1600 more than that of housing then the expenditure on food is:

- A. Rs 12,000 B. Rs 6,000 C. Rs 3,333 D. Rs 7,000

3. If the only income is Rs 36,000 then the yearly savings is:

- A. Rs 60,000 B. Rs 70,000 C. Rs 74,000 D. Rs 72,000

Correct Answers:

1	2	3
C	A	D

Explanations:

1. Ratio of expenditure of food and savings = $120 : 60 = 2 : 1$.
Hence, option C is correct.

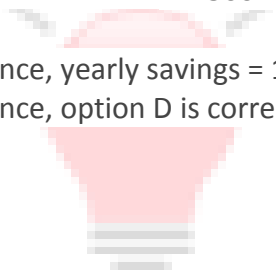
2. As per the question,
Expenditure on education – Expenditure on Housing = 1600 /-
Difference of 16° in angles $\equiv 1600$ /-
So, Expenditure of food; $120^\circ \equiv x$ /-
 $\therefore x = \frac{1600 \times 120}{16} = 12000$ /-

Hence, option A is correct.

3. 360° (total income) $\equiv 36000$
 $\therefore 60^\circ$ (monthly) $\equiv x$ (Let's take it as x)
Therefore, $x = \frac{36000 \times 60}{360} = \text{Rs. } 6000$

Hence, yearly savings = $12 \times 6000 = \text{Rs. } 72000$.

Hence, option D is correct.



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