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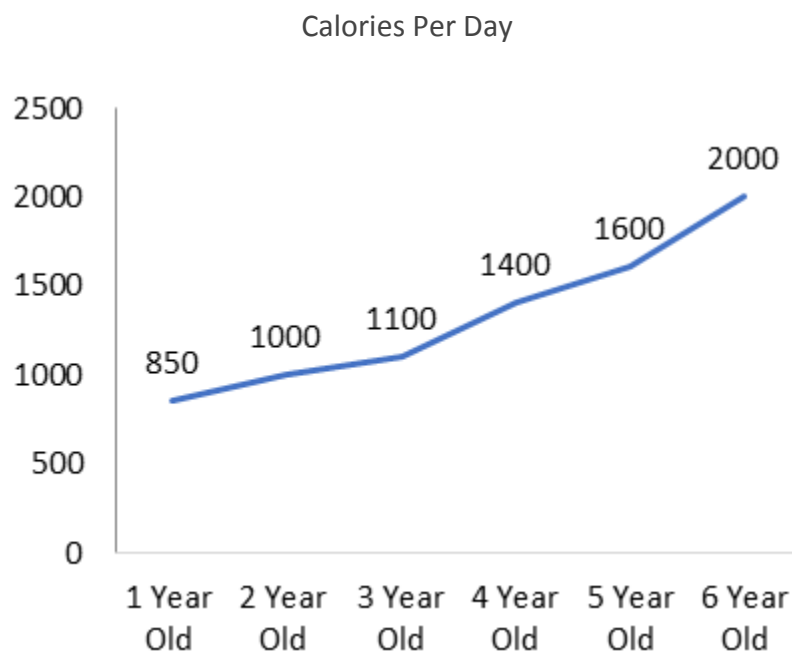
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Date Interpretation Line Chart Questions for IBPS PO Pre, IBPS RRB Scale I Pre, EPFO Asst. Pre, IBPS SO Pre, SBI PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams

DI Line Chart Quiz 32

Directions: Study the following information carefully and answer the questions given beside:

The following graph gives the information about calories per day required for different age of babies in the first six years of their lives.



1. In a family there are 4 babies of 1 year, 3-year, 5 year, and 6-year old. Total how much calories will be required per day in the family for babies?

- A. 5550 B. 4850 C. 5400 D. 5150 E. None of these

2. Calories required per day for 5-year-old baby is how much percentage less than that of 6-year-old baby?

- A. 25% B. 20% C. 15% D. 10% E. None of these

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3. In the month of January total how much calories will be consumed by a 2-year-old baby?

- A. 30000 B. 12000 C. 1000 D. 31000 E. None of these

4. Total calories consumed by a 5-year-old baby in the month of April is what percentage of total calories consumed by a 6-year-old baby in the month of March ? (rounded off two decimal)

- A. 67.42% B. 78.87% C. 76.49% D. 77.42% E. 81.48%

5. Find the absolute difference between total calories consumed by a 2-year-old baby in the month of December and the total calories consumed by a 3- year-old baby in the month of July?

- A. 3100 B. 3000 C. 2000 D. 2100 E. None of these

Correct Answers:

1	2	3	4	5
A	B	D	D	A

Explanations:

1. From the chart, calories per day required for 1- year baby = 850

calories per day required for 3- year baby = 1100

calories per day required for 5- year baby = 1600

calories per day required for 6- year baby = 2000

therefore, calories per day will be required for 4 babies together = $850 + 1100 + 1600 + 2000 = 5550$
calories per day

Hence, option A is correct.

2. Calories per day required for 5- year baby = 1600

calories per day required for 6- year baby = 2000

$$\text{Reqd. \%} = \frac{(2000 - 1600) \times 100}{2000} = \frac{400}{20} = 20\%$$

Hence, option B is correct.

3. Calories per day required for 2- year baby = 1000

In JAN, Total number of days = 31

Total calories will consume in the whole month = $1000 \times 31 = 31000$ calories

Hence, option D is correct.

4. Calories per day required for 5- year baby = 1600

In April, Total number of days = 30

Total calories will consume in the whole month = $1600 \times 30 = 48000$ calories

calories per day required for 6- year baby = 2000

In March, Total number of days = 31

Total calories will consume in the whole month = $2000 \times 31 = 62000$ calories

$$\text{Reqd. \%} = \frac{48000 \times 100}{62000} = \frac{48000}{62} = 77.42\%$$

Hence, option D is correct.

5. Calories per day required for 2- year baby = 1000

In December, Total number of days = 31

Total calories will consume in the whole month = $1000 \times 31 = 31000$ calories

calories per day required for 3- year baby = 1100

In July, Total number of days = 31

Total calories will consume in the whole month = $1100 \times 31 = 34100$ calories

The required difference = $34100 - 31000 = 3100$

Hence, option A is correct.



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