

UPSSSC लेखपाल 2026

सफलता 1.0 बैच

MATHEMATICS

DATA
INTERPRETATION

परीक्षा में सर्वाधिक बार पूछे जाने वाले प्रश्न



Daily Live : 7 : 00 pm

BY-SHASHI SIR

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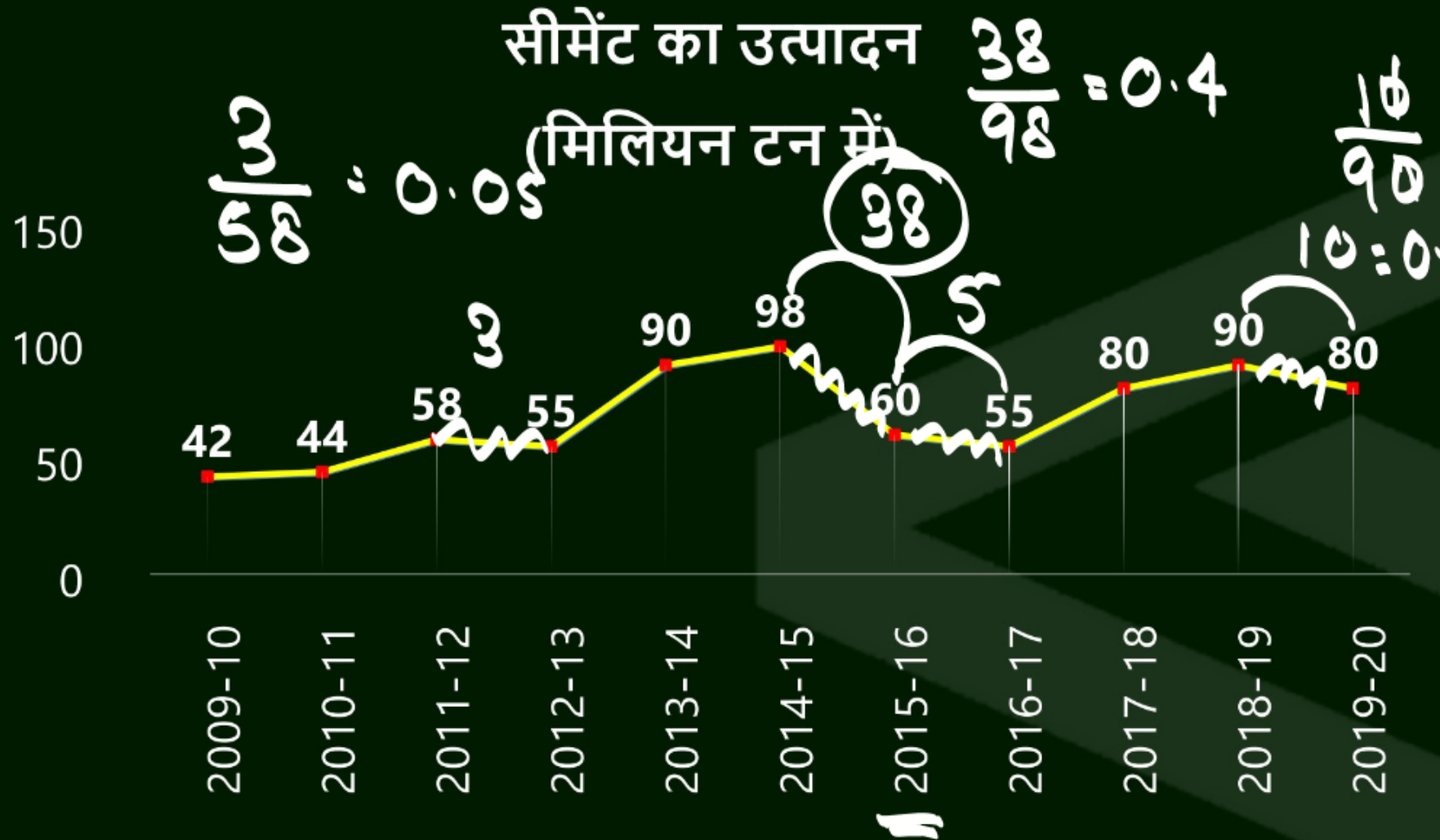
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निर्देश (1-5): निम्नांकित रेखाचित्र में सीमेंट का विभिन्न वर्षों के दौरान उत्पादन (मिलियन टन में) दर्शाया गया है। इसका अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दीजिए:

Directions (1-5): The following line graph depicts the production of cement (in million tonnes) over various years. Study it and answer the following questions:

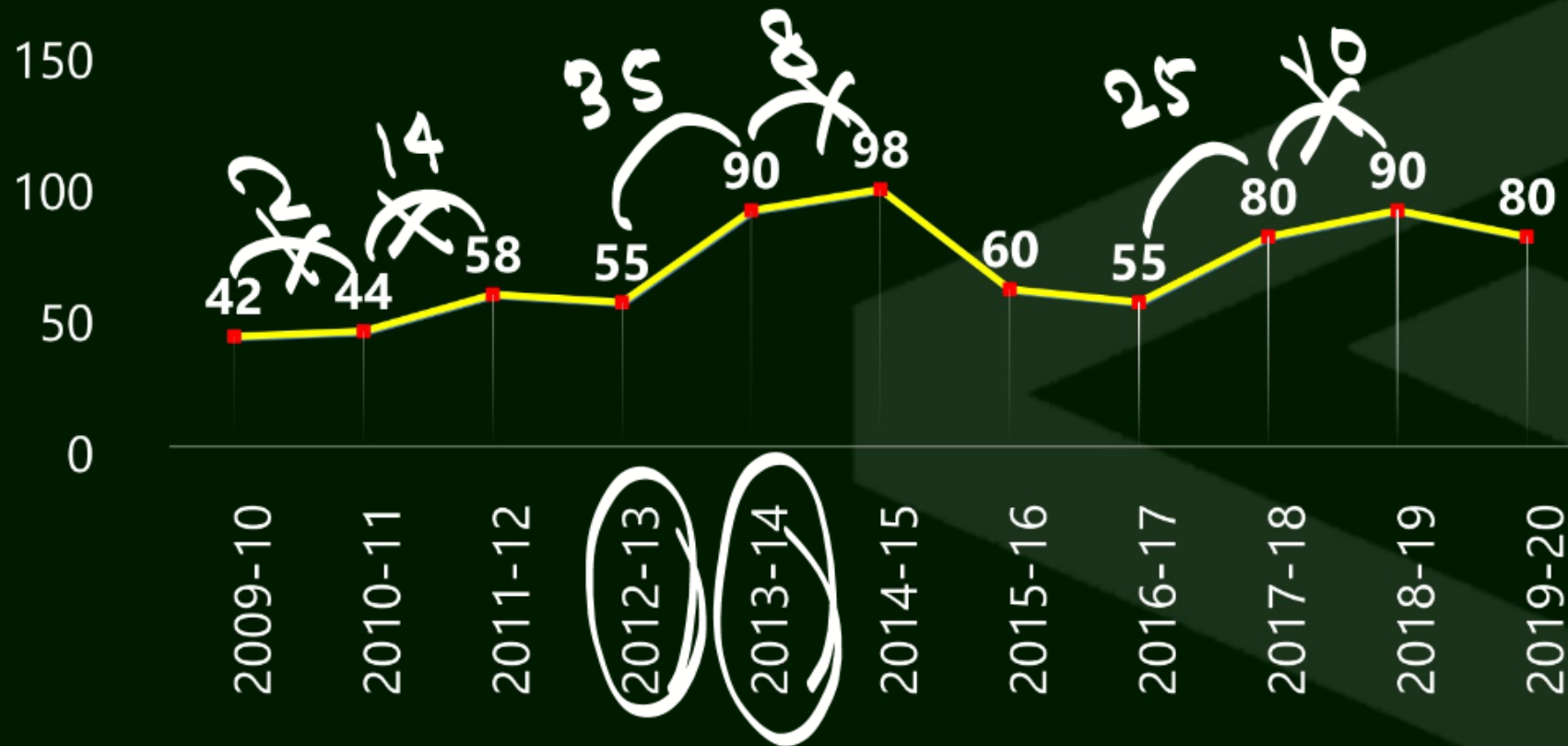
- उत्पादन अधिकतम स्तर तक इस वर्ष घटा:
Production declined to its lowest level this year.
(a) 2012-13
(b) 2015-16
(c) 2016-17
(d) 2019-20

[UPSSSC PET-2021]

सीमेंट का उत्पादन
(मिलियन टन में)

35
55

25
55



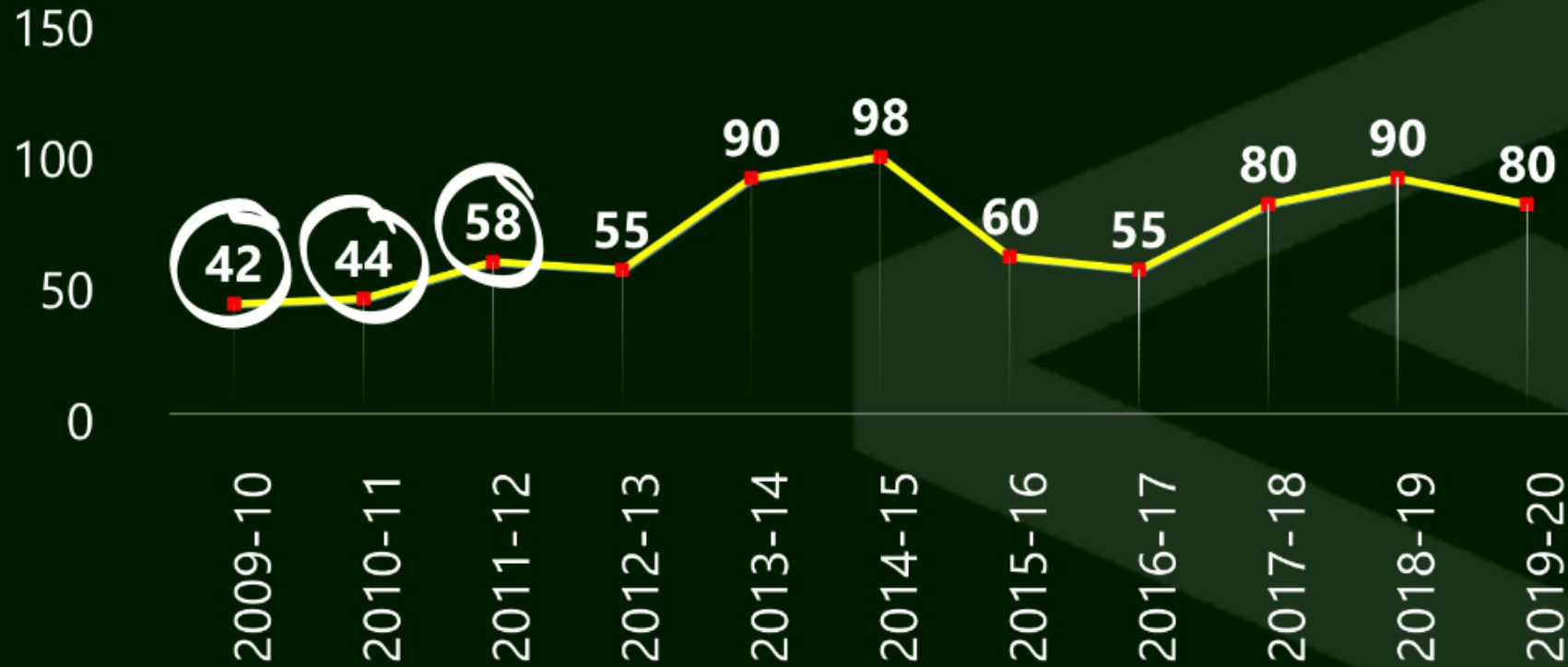
2. उत्पादन में पिछले वर्ष की तुलना में वर्ष _____ के दौरान अधिकतम वृद्धि हुई।

Production witnessed the maximum increase during the year _____ compared to the previous year.

- (a) 2013-14
- (b) 2017-18
- (c) 2014-15
- (d) 2018-19

[UPSSSC PET-2021]

सीमेंट का उत्पादन (मिलियन टन में)



3. प्रथम तीन वर्ष दौरान औसत उत्पादन था

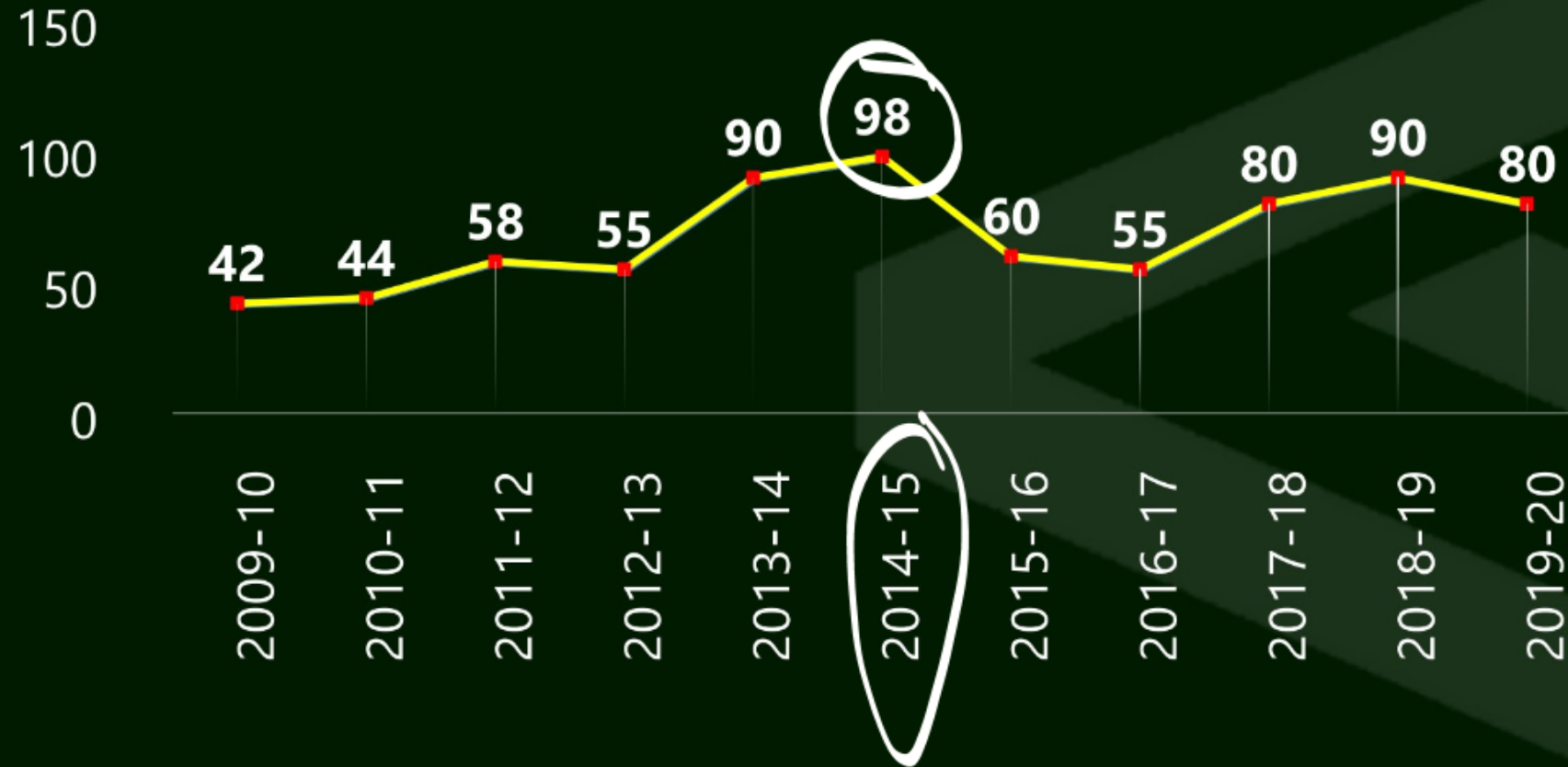
The average production during the first three years was...

- (a) 44 MT
- (b) 46 MT
- (c) 48 MT
- (d) 50 MT

$$\frac{42 + 44 + 58}{3} = \frac{144}{3} = 48 \text{ MT}$$

[UPSSSC PET-2021]

सीमेंट का उत्पादन (मिलियन टन में)

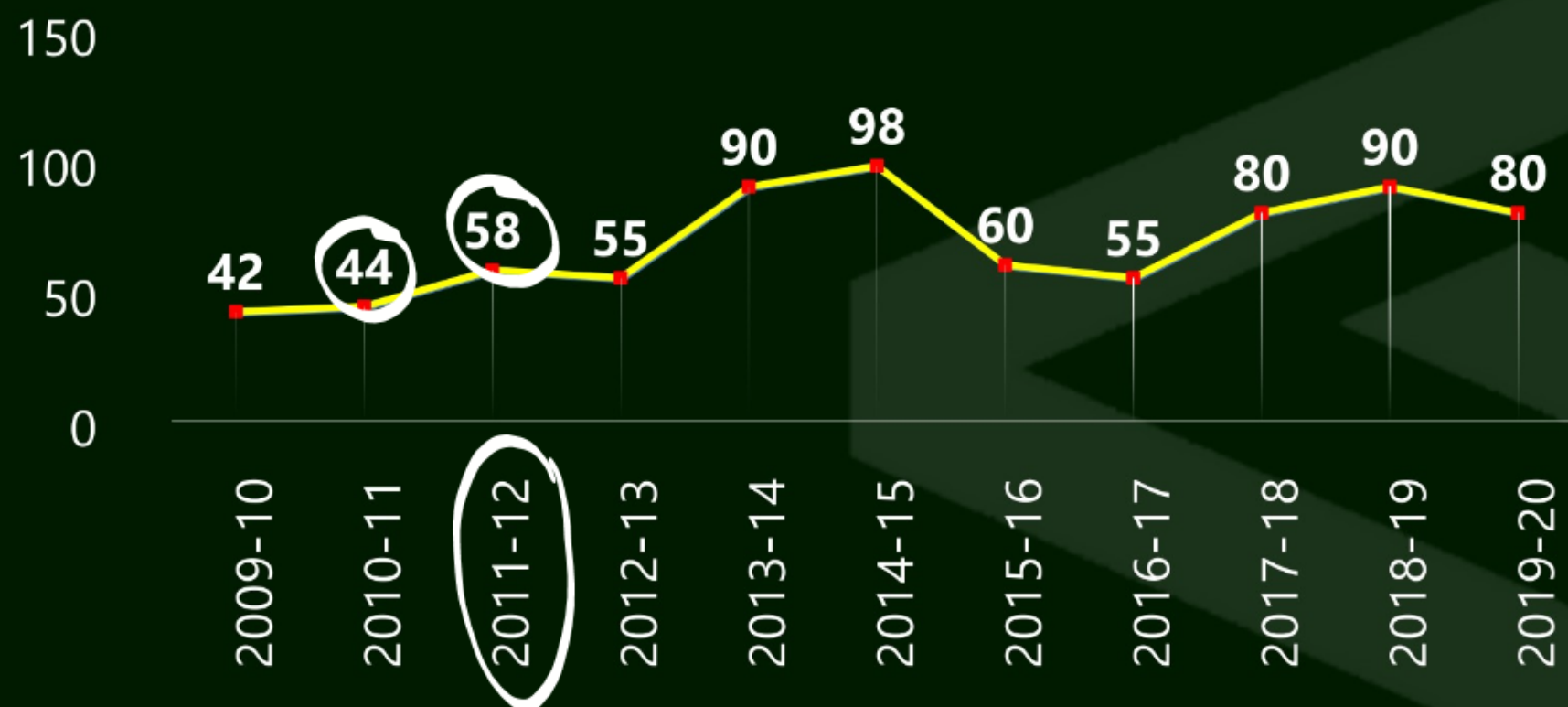


4. सीमेंट का अधिकतम उत्पादन दर्ज हुआ इस वर्ष:
Record Cement Production Recorded This
Year

- (a) 2013-14
- (b) 2014-15
- (c) 2018-19
- (d) 2017-18

[UPSSSC PET-2021]

सीमेंट का उत्पादन (मिलियन टन में)



5. वर्ष 2011-12 के दौरान उत्पादन वृद्धि प्रतिशत पिछले वर्ष की तुलना में था

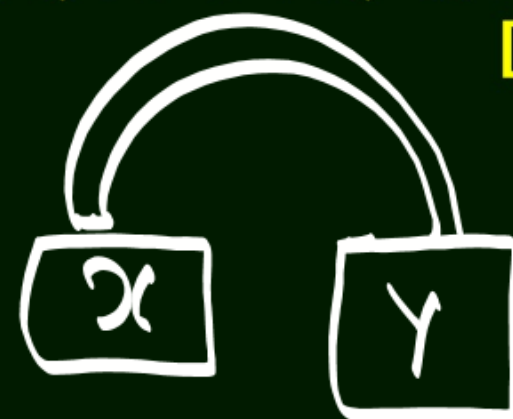
During the year 2011-12, the percentage growth in production was—compared to the previous year.

- (a) 31.8%
- (b) 36%
- (c) 37.5%
- (d) इनमें से कोई नहीं

$$44 \rightarrow 58$$

$$\frac{58 - 44}{44} \times 100 = \frac{14}{44} \times 100 = \frac{350}{11} = 31.8\%$$

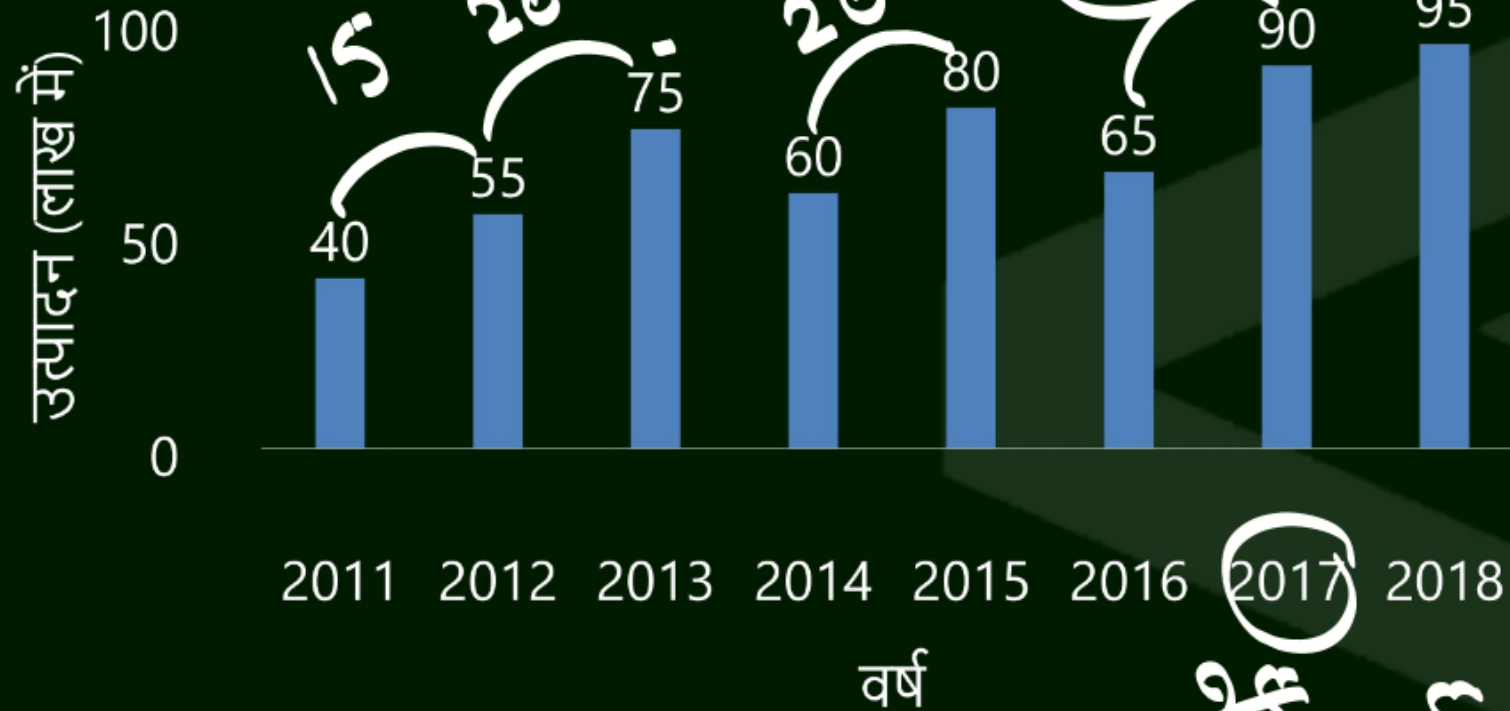
[UPSSSC PET-2021]



$$\frac{y - x}{x} \times 100 = 31.8\%$$

विगत वर्षों में कंपनी द्वारा खेलौनों का उत्पादन

(लाख में)



6. 6 से 10:- दंड आलेख का अध्ययन करें और उस पर आधारित प्रश्नों के उत्तर दें।

6 to 10: Study the bar graph and answer the questions based on it.

पिछले वर्ष की तुलना में किस वर्ष उत्पादन में प्रतिशत वृद्धि सबसे अधिक थी?

In which year was the percentage increase in production the highest compared to the previous year?

- (a) 2013
- (b) 2012
- (c) 2015
- (d) 2017

[UPSSSC PET - 15.10.2022 (1st)]

$$\frac{55-40}{40} = \frac{15}{40} = \frac{3}{8} = 0.375$$

$$\frac{75-55}{55} = \frac{20}{55} = \frac{4}{11} \approx 0.36$$

$$\frac{60-75}{75} = -\frac{15}{75} = -0.2$$

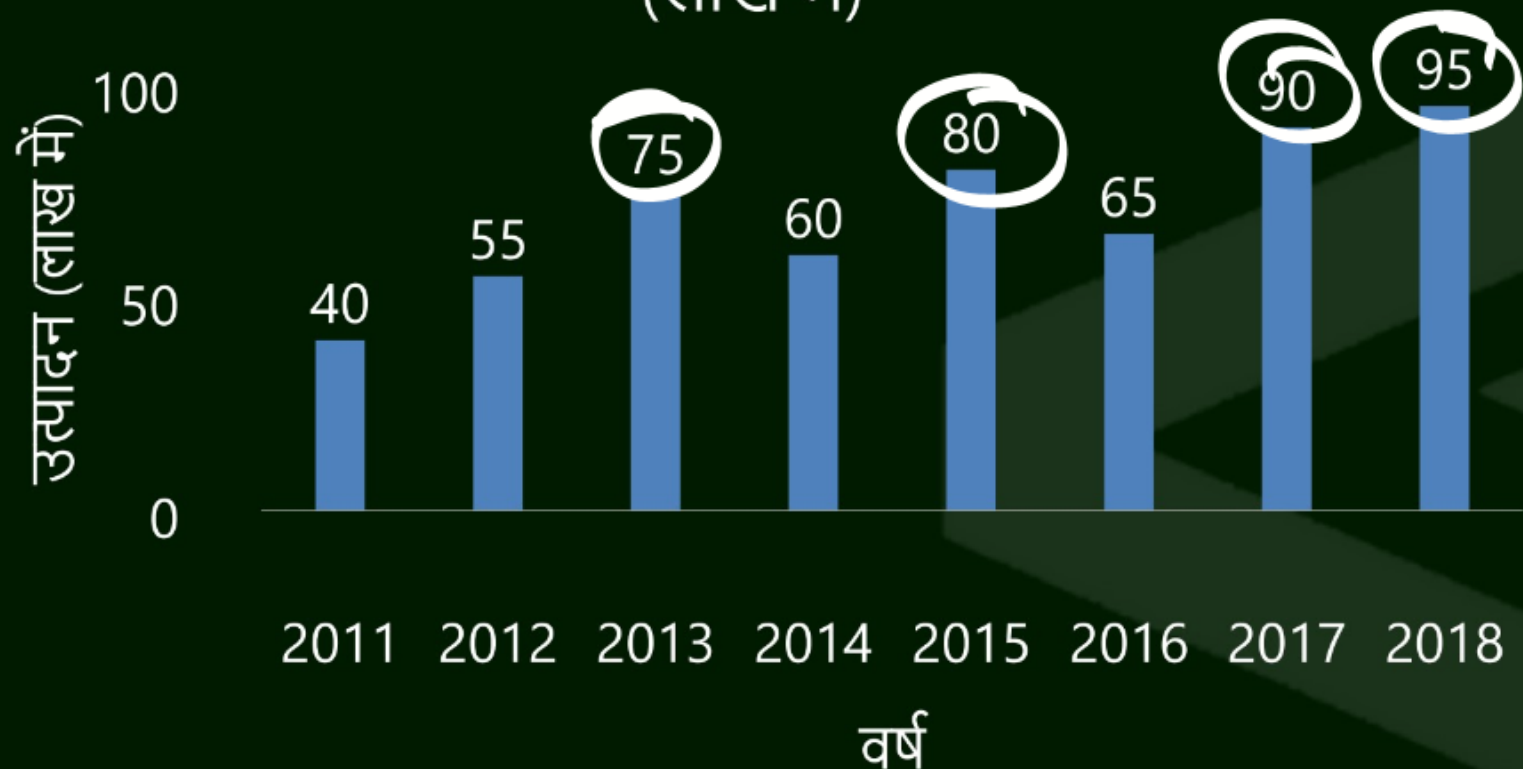
$$\frac{80-60}{60} = \frac{20}{60} = \frac{1}{3} \approx 0.33$$

$$\frac{90-80}{80} = \frac{10}{80} = \frac{1}{8} = 0.125$$

$$\frac{95-90}{90} = \frac{5}{90} = \frac{1}{18} \approx 0.055$$

विगत वर्षों में कंपनी द्वारा खिलौनों का उत्पादन

(लाख में)



7. दिए गए कितने वर्षों में खिलौनों का उत्पादन दिए गए वर्षों के औसत उत्पादन से अधिक था?

In how many of the given years was the production of toys greater than the average production of the given years?

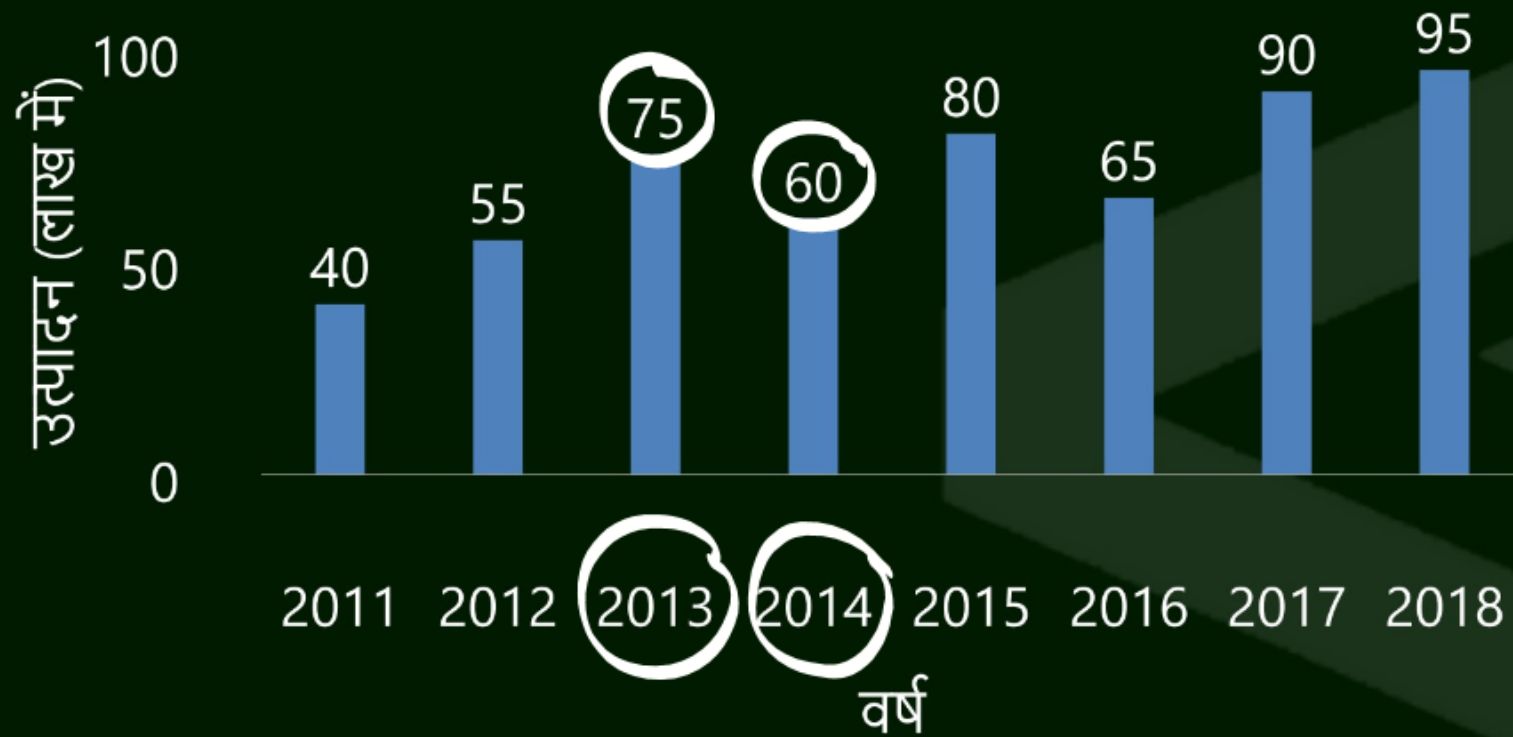
- (a) 2
- (b) 1
- Qua
- (c) 3
- (d) 4

$$\text{Avg} = \frac{\text{Total Sum}}{\text{n.o.T}} = \frac{560}{8} = 70$$

[UPSSSC PET - 15.10.2022 (1st)]

विगत वर्षों में कंपनी द्वारा खिलौनों का उत्पादन

(लाख में)



8. 2013 से 2014 तक खिलौनों के उत्पादन में लगभग प्रतिशत गिरावट किती थी?

Approximately what was the percentage decline in toy production from 2013 to 2014?

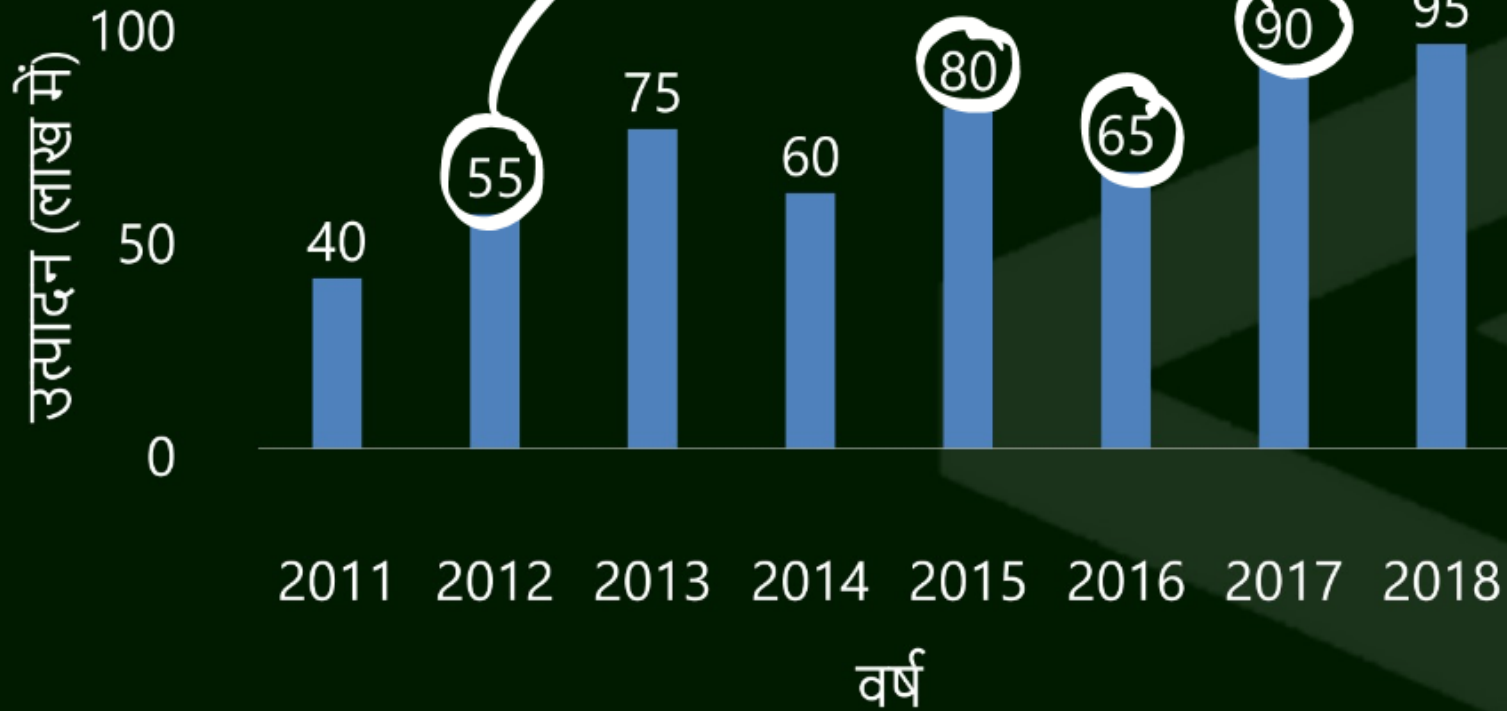
- (a) 15%
- (b) 10%
- (c) 20%
- (d) 25%

[UPSSSC PET - 15.10.2022 (1st)]

$$\begin{array}{cc}
 2013 & 2014 \\
 75 & 60 \\
 \% = \frac{75 - 60}{75} \times 100 = 20\%
 \end{array}$$

विगत वर्षों में कंपनी द्वारा खेलौनों का उत्पादन

(लाख में)



9. 2015 और 2016 का औसत उत्पादन निम्नलिखित में से किस वर्षों के युग्म के औसत उत्पादन के बिल्कुल बराबर था?

The average production of 2015 and 2016 was exactly equal to the average production of which of the following pairs of years?

- (a) 2014 और 2015
- (b) 2016 और 2014
- ✓ (c) 2012 और 2017
- (d) 2014 और 2016

$$\text{Avg} = \frac{80 + 65}{2} = \frac{145}{2}$$

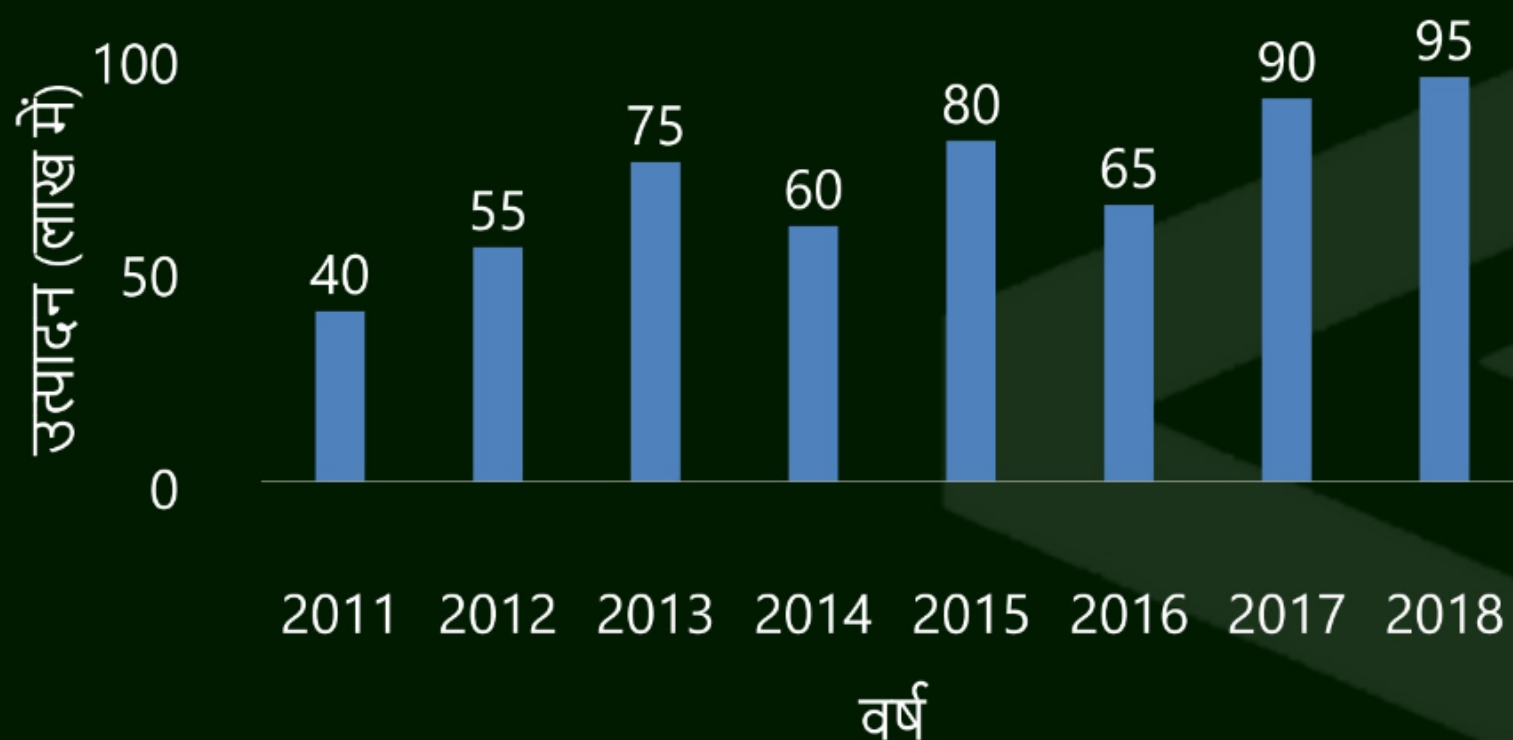
[UPSSSC PET - 15.10.2022 (1st)]

$$\text{Avg} = \frac{\text{Sum}}{2} = \frac{145}{2}$$

2012 2017

विगत वर्षों में कंपनी द्वारा खिलौनों का उत्पादन

(लाख में)



10. 2011 की तुलना में 2018 में खिलौनों के उत्पादन में लगभग प्रतिशत वृद्धि कितनी थी?

Approximately what was the percentage increase in toy production in 2018 compared to 2011?

- (a) 137.5%
- (b) 183.33%
- (c) 128.35%
- (d) 111.11%

[UPSSSC PET - 15.10.2022 (1st)]

2011 2018
40 95

$$\frac{55}{40} \times 100 = \frac{275}{2} = 137.5\%$$

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