





RBI ASSISTANT 2021-22

MATHS

35 / 35

**TOP 30 MOST
EXPECTED PAPERS**

LIVE

PAPER-21 09:00 AM



Class Time :- 9:00 AM

UPCOMING ONLINE BATCHES

March 2022

02 March 2022

05:30 PM to 07:30 PM

BANK ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS

BILINGUAL

09 March 2022

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

03:00 PM to 05:00 PM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

16 March 2022

01:00 PM to 03:00 PM

BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

07:30 PM to 09:30 PM

SSC ONLINE LIVE CLASS

03:00 PM to 05:00 PM

SSC ONLINE LIVE CLASS

BILINGUAL

23 March 2022

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM

SSC ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS

BILINGUAL

30 March 2022

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

BANK ONLINE LIVE CLASS

10:30 AM to 12:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

07:30 PM to 09:30 PM

BANK ONLINE LIVE CLASS

(BANK PO & CLERK)

ENGLISH MEDIUM



Mohit.. 20 hours ago

Thank-you Sir ji, for today's Really Amazing Class Session..👍😊

And

My Answer for today's Homework is like-
Option A- 10.40 am....

Read more

👍 🗨️ REPLY



Shivam Tiwari 14 hours ago

Homework Answer :-
10:40 Am (Option A)

Awesome Session Sir Thankyou 🙏🙏🙏🙏🙏🙏

👍 1 🗨️ REPLY



Rahul kr 14 hours ago

Hw ans—option A 10:40 am

Thank u sir for a wonderful session 🙏🙏

👍 🗨️ REPLY



Palak Shukla 20 hours ago

Homework answer—

10.40 am , Option A

Thankyou sir 🙏😊😊



Sakshi Jha 18 hours ago

Homework Answer

10.40 Am , option (A)

Thankyou soo much sir 🙏🙏😊

👍 🗨️ REPLY



Bhavika Goyal 20 hours ago

Homework question : (A) 10.40 am

Thank u sir 😊

👍 🗨️ REPLY



shubhangi mishra 12 hours ago

H w ans. Option A -10:40 am.

Thank you sir.

👍 🗨️ REPLY



AAYUSH SRIVASTAVA 17 hours ago

HOMEWORK QUESTION- (A): 10.40 AM

👍 🗨️ REPLY



Khushboo Mandal 13 hours ago

Homework ans:10:40 AM

Thank you sir

👍 🗨️ REPLY



Suman Paul 20 hours ago

Answer = 10.40 A.M (Option - A)

👍 🗨️ REPLY



Sonam Pundir 7 hours ago

Hw 10.40 A.M.

Thank you so much sir 😊😊

👍 🗨️ REPLY



Shamli Sharma 21 hours ago

Homework

A

👍 🗨️ REPLY



Nitya Pandey 9 hours ago

Option a

👍 🗨️ REPLY



Aarti Prajapati 18 hours ago

Answer. 10:40 hoga sir

👍 🗨️ REPLY

▼ View reply

A person leaves a place P to place Q at 8 a.m. and reaches place Q at 12 p.m. Another person leaves Q at 9.30 am. And reaches P at 1 pm. They will meet each other at –

एक व्यक्ति स्थान P से Q को स्थान देने के लिए प्रातः 8 बजे छोड़ता है और स्थान Q पर अपराह्न 12 बजे पहुंचता है। एक अन्य व्यक्ति Q को सुबह 9.30 बजे छोड़ता है। और दोपहर 1 बजे P पर पहुंचता है। वे एक दूसरे से मिलेंगे

- (A) 10.40 am. (B) 11.20 am. (C) 11.40 am. (D) 11.20am. (E) None of these



Two train of equal length are running on parallel lines in the same direction at 96 km/h and 46km/h. The faster train passes the slower train in 36 seconds. The length of each train is -
समान लंबाई की दो ट्रेन समान दिशा में 96 किमी/घंटा और 46 किमी/घंटा की गति से समानांतर रेखाओं पर चल रही हैं। तेज गति वाली रेलगाड़ी धीमी गति की रेलगाड़ी को 36 सेकण्ड में पार करती है। प्रत्येक ट्रेन की लंबाई है -

(A)100m

(B)150m

(C)200m

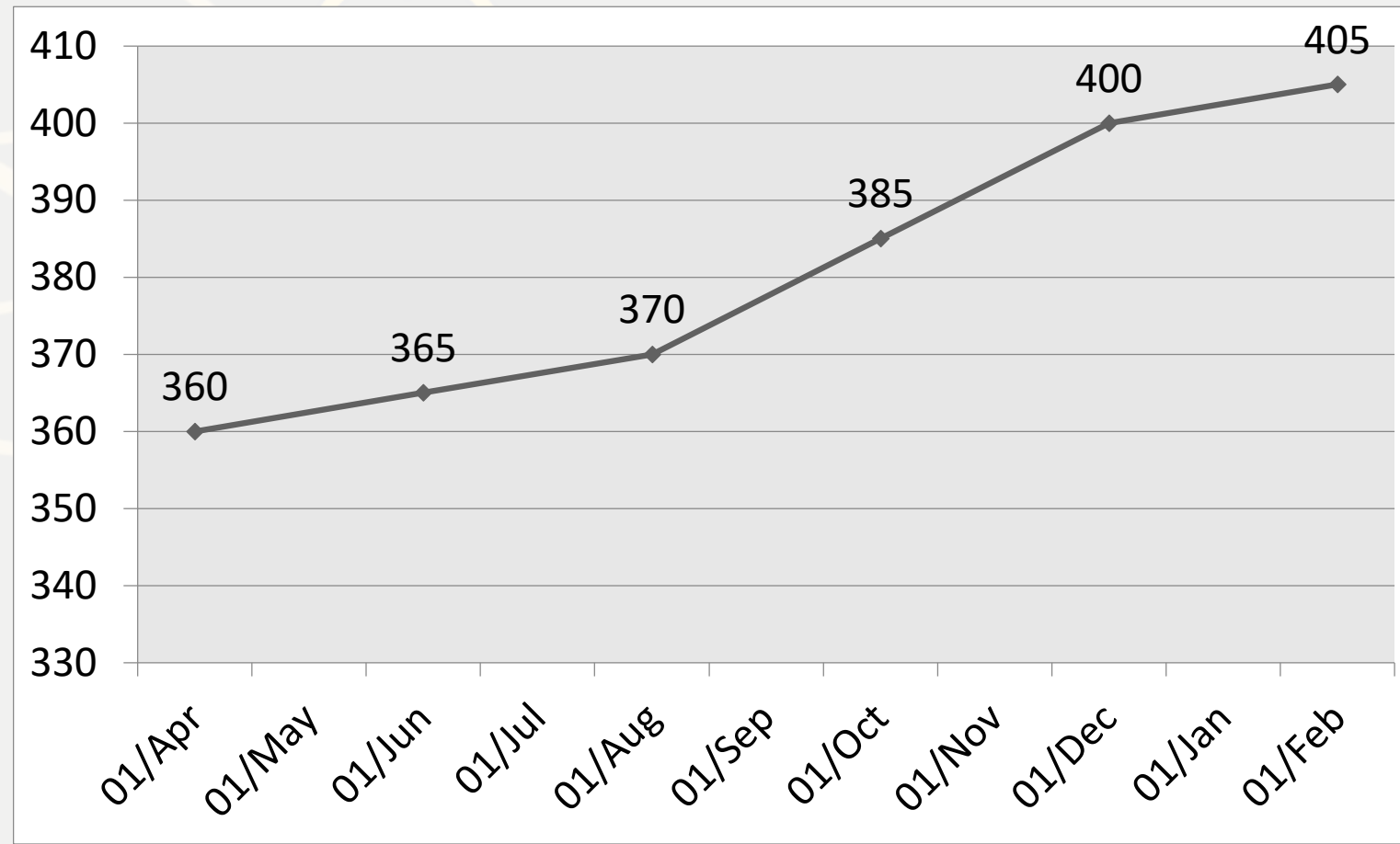
(D)250m

(E)None of these



Directions (Q. 26-30): Read the following information carefully to answer the questions asked –

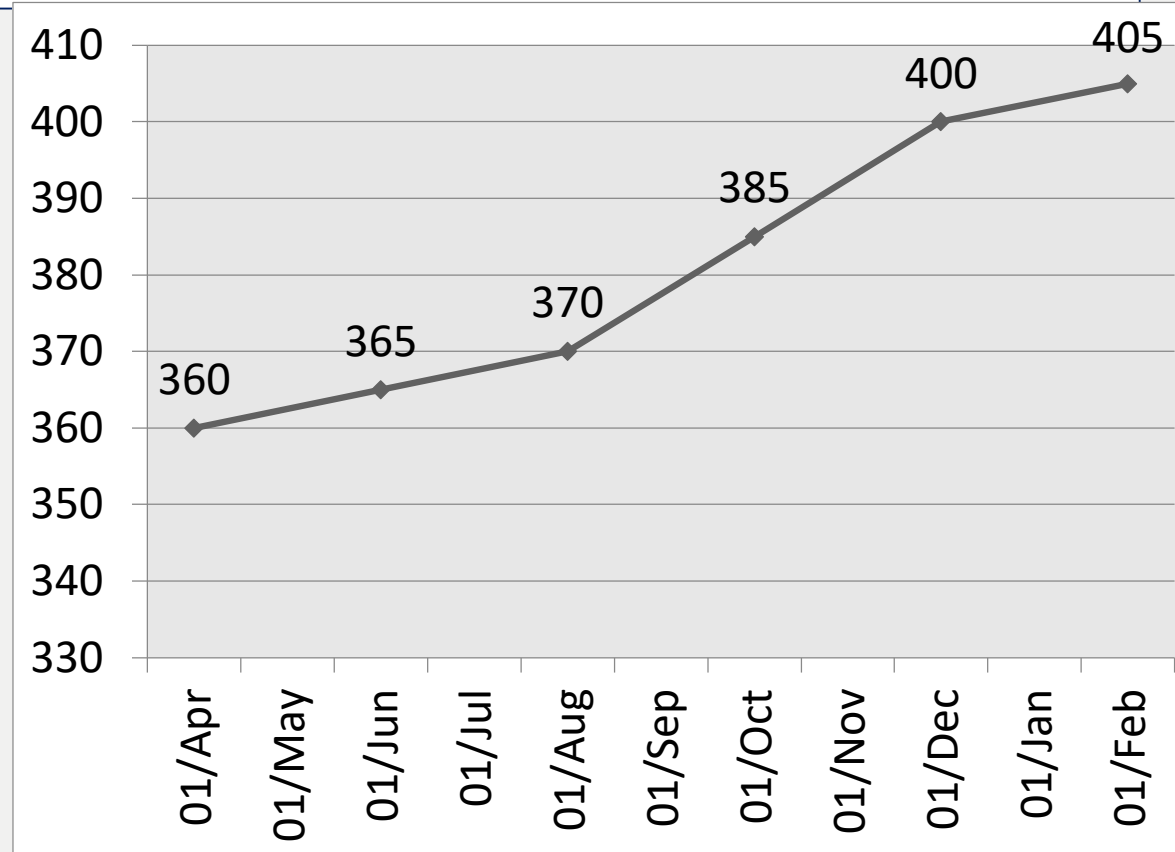
Marks obtained by a students in 6 periodical exam held in each two month in 2010-2011 maximum marks in each periodical exam = 500



Q.26 :- In how many periodical exam is the marks obtained more than average marks ?
कितनी आवधिक परीक्षा में औसत अंक से अधिक अंक प्राप्त हुए हैं?

- (A)1 (B)3 (C)2 (D)4 (E)None of these

0:30



Q.27 :- What is the percentage marks obtained by the student in periodical exam June and October ?

छात्र द्वारा आवधिक परीक्षा जून और अक्टूबर में प्राप्त अंकों का प्रतिशत कितना है?

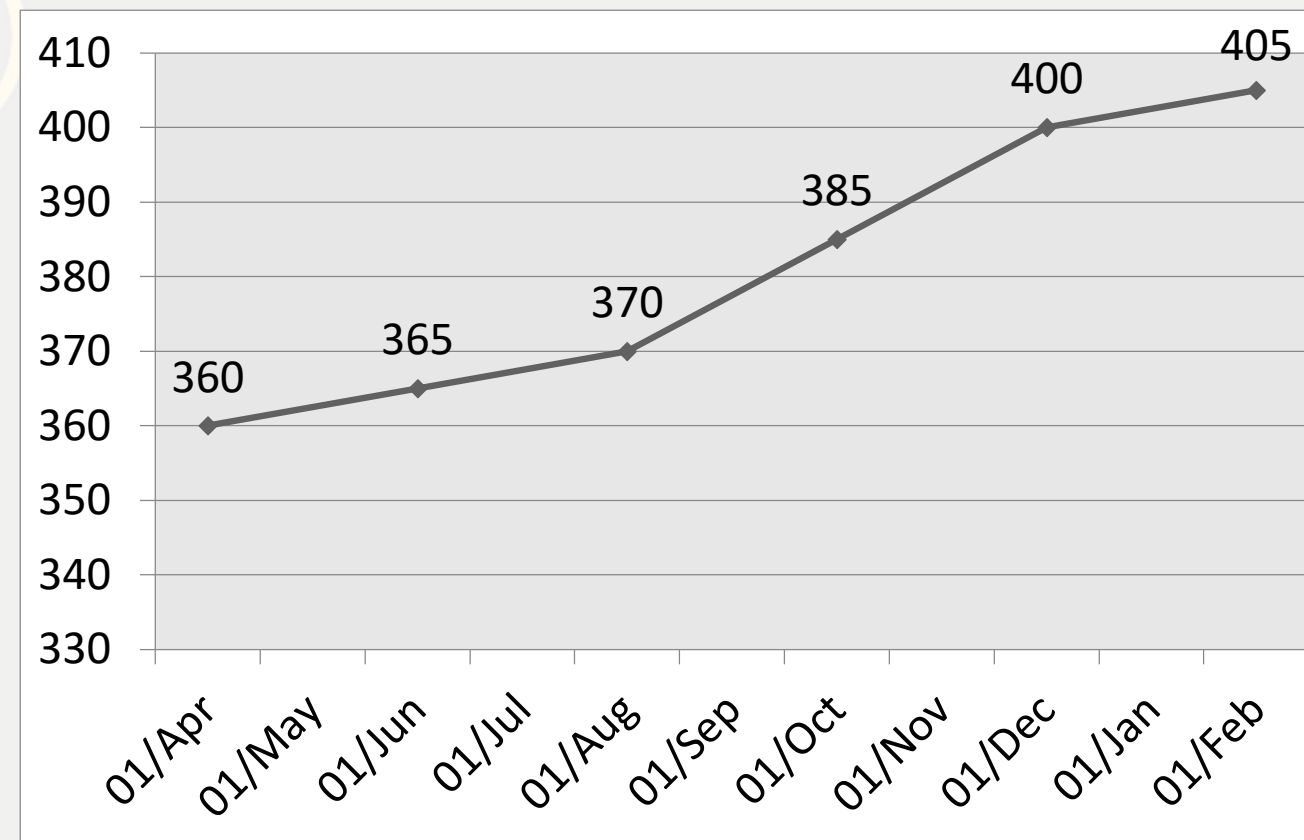
(A) 78

(B) 72

(C) 70

(D) 76

(E) None of these



Q.28 :- The marks obtained by the student in October is approximately what percent of the marks obtained in February ?

अक्टूबर में छात्र द्वारा प्राप्त अंक फरवरी में प्राप्त अंकों का लगभग कितना प्रतिशत है?

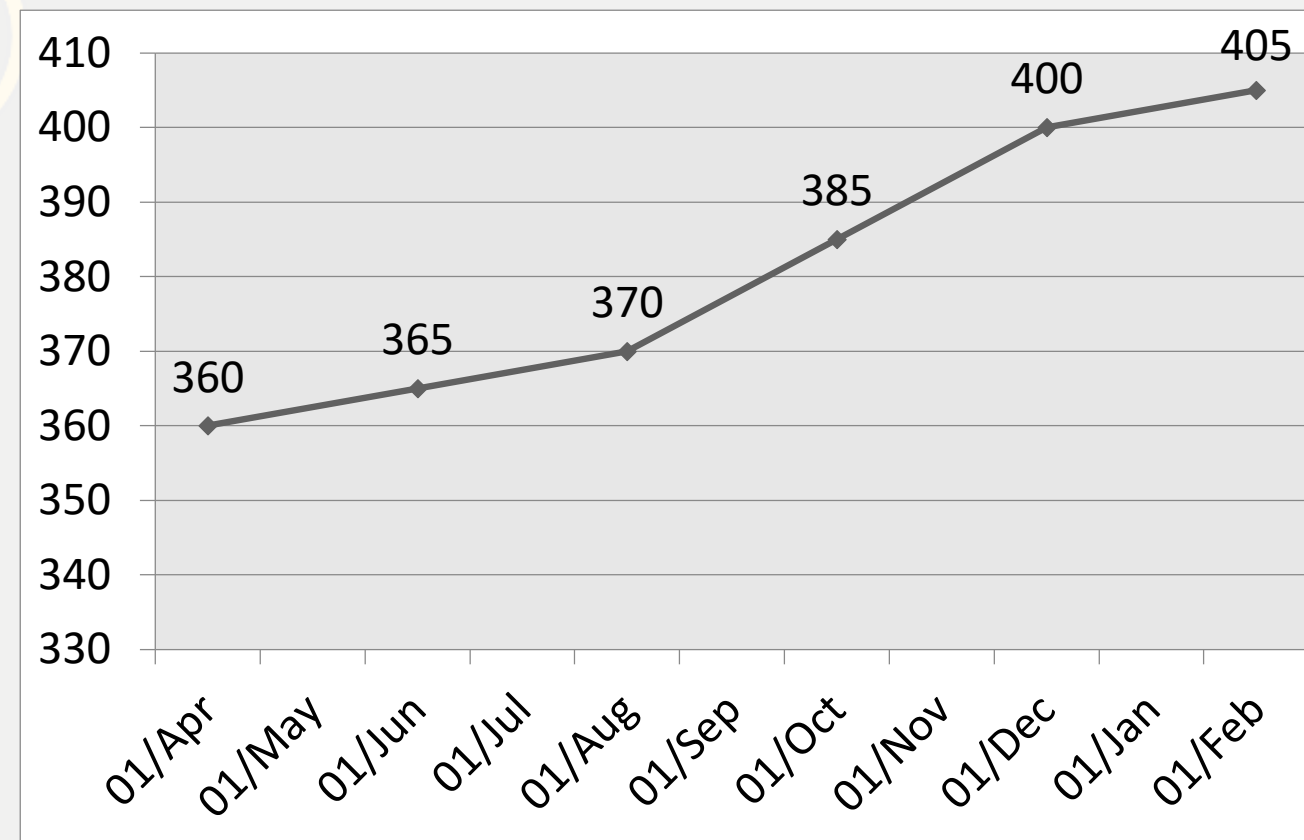
(A) 95

(B) 88

(C) 82

(D) 91

(E) 87



Q.29 :- What is the average marks obtained by the student in all the periodical exam ?

सभी आवधिक परीक्षा में छात्र द्वारा प्राप्त औसत अंक क्या है?

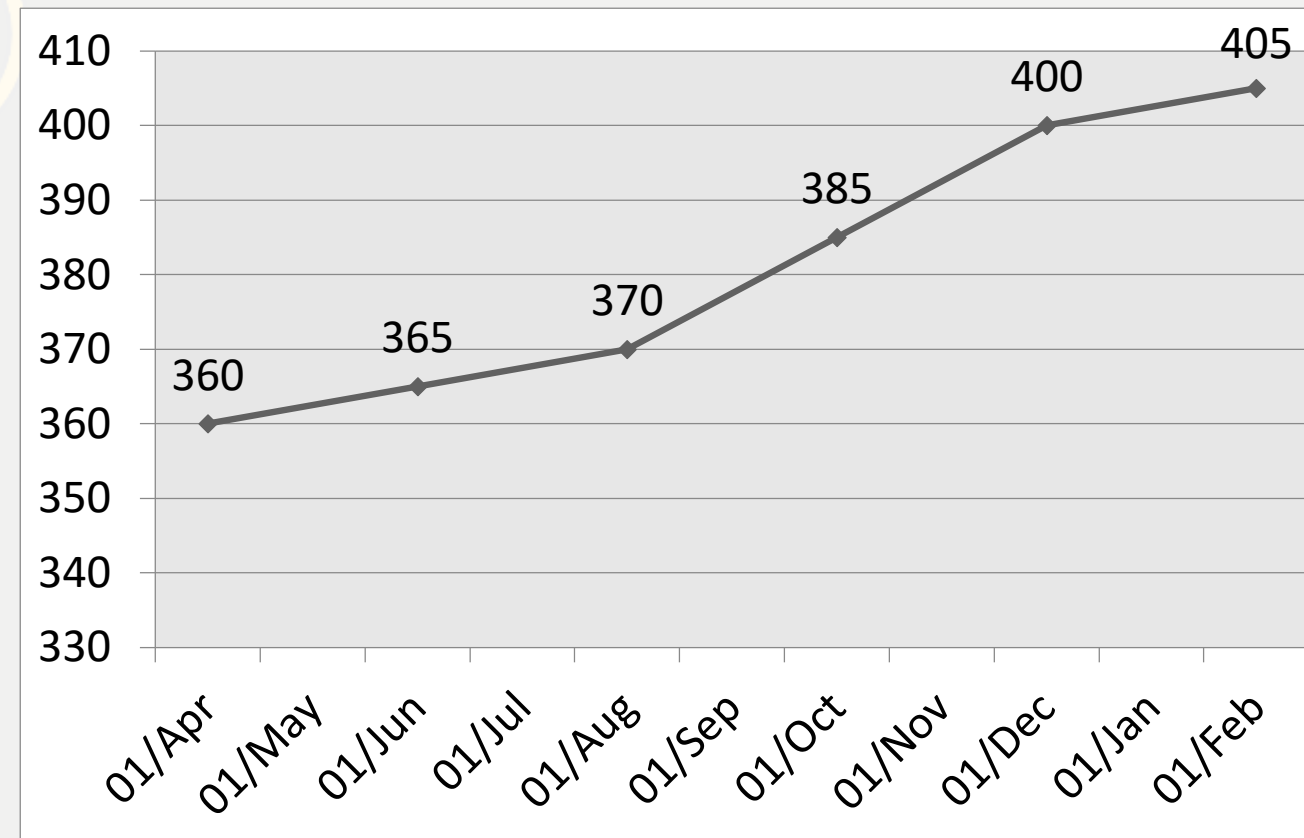
(A) 378

(B) 388

(C) 383

(D) 381

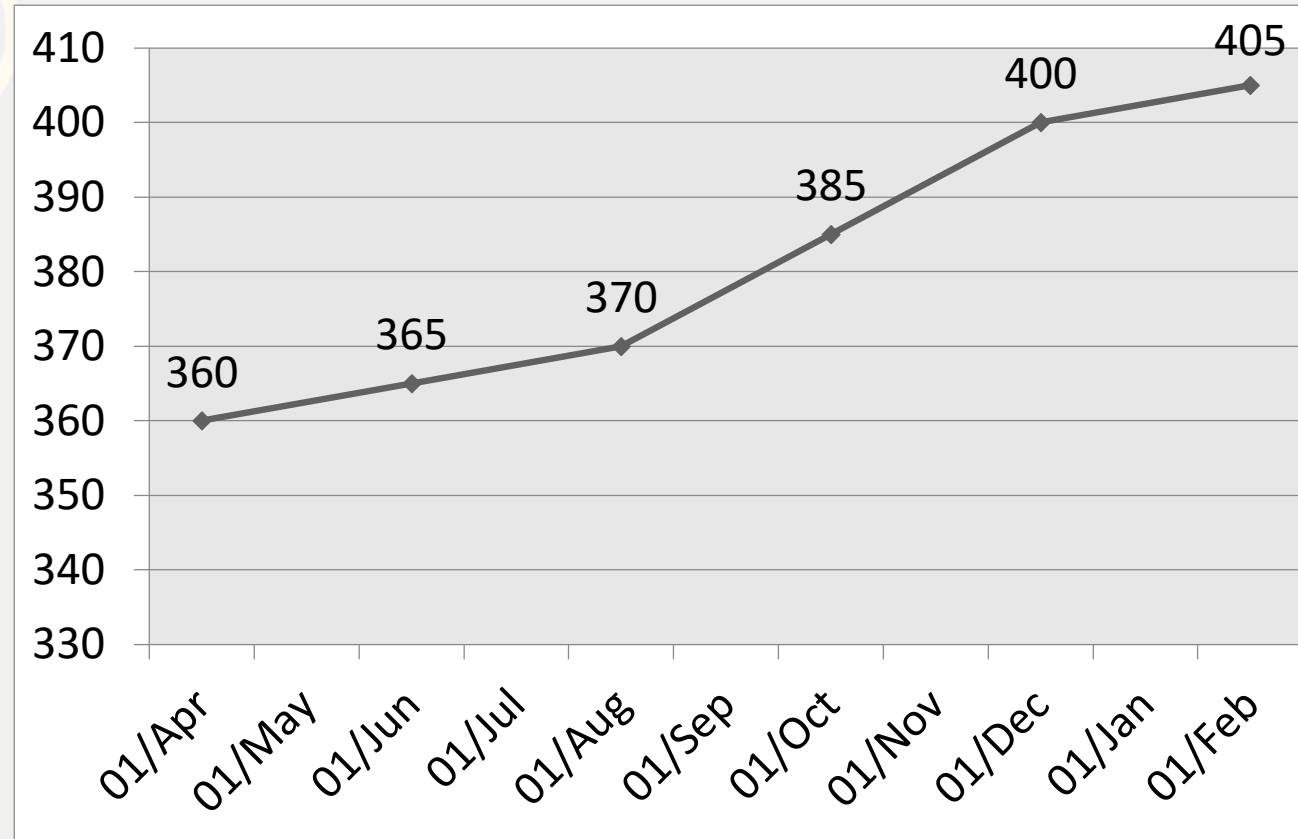
(E) 386



Q.30 :- The marks obtained by the student in February is what percent more than the marks obtained in April ?

फरवरी में छात्र द्वारा प्राप्त अंक अप्रैल में प्राप्त अंकों से कितने प्रतिशत अधिक है?

- (A) 15 (B) 14.2 (C) 12.5 (D) 10 (E) None of these



Direction (31–35): In each question two equations numbered (I) and (II) are given. You have to solve both the equations and mark appropriate answer.

- (a) If $x = y$ or no relation can be established
- (b) If $x > y$
- (c) If $x < y$
- (d) If $x \geq y$
- (e) If $x \leq y$

Q.31 :- I. $4x^2 + 4x - 8 = 0$

II. $y^2 + 7y + 12 = 0$

Q.32 :- I. $x^2 = 9$

II. $y^3 = 121$

Q.33 :- I. $2x^2 + 40 = 18x$

II. $y^2 = 13y - 42$

Q.34 :- I. $16x^2 - 8x + 1 = 0$

II. $100y^2 - 20y + 1 = 0$

Q.35 :- I. $x = \sqrt{2401}$

II. $\sqrt{y} - 7 = 0$



What value should come in the place of question mark(?) in the following question

$$88 \times 77 - 65 \times 55 = ? \% \text{ of } 400$$

(A) 810.25

(B) 820.50

(C) 827.40

(D) 812.75

(E) None of these



What value should come in the place of question mark(?) in the following questions?

$$18 \div 15 \text{ of } 2 + 17 - (15 + 2) = ?$$

- (A) 1.2 (B) 0.4 (C) 0.9 (D) 0.25 (E) None of these



What value should come in the place of question mark(?)in the following questions?

$$49 \% \text{ of } 350 - 50\% \text{ of } 55 = ?^2$$

- (A) 12 (B)14 (C)13 (D) 9 (E)None of these



What value should come in the place of question mark(?) in the following questions?

$$14 \times 27 - 15^2 = ?\% \text{ of } 250$$

(A) 52.5

(B) 60.25

(C) 61.20

(D) 65.40

(E) None of these



What value should come in the place of question mark(?)in the following questions?

$$\sqrt{3249} + \sqrt{1936} + 22^2 = ?$$

(A)585

(B)684

(C)534

(D)674

(E)None of these



What value should come in the place of question mark(?)in the following questions?

$$2116 + 1352 + 5679 + 222 \div 3 = ?$$

(A) 9521

(B)9118

(C)9130

(D)9221

(E)None of these



What value should come in the place of question mark(?)in the following questions?

$$24.32 + 14.52 + 18.6 + 42.21 + \sqrt{784} = ?$$

(A) 127.65

(B) 121.65

(C) 121.65

(D) 122.65

(E) None of these



What value should come in the place of question mark(?)in the following questions?

$$\sqrt{(2116 \div 4) + 324} \div 6 = ?$$

- (A) 87 (B) 77 (C) 67 (D) 97 (E) None of these



What value should come in the place of question mark(?)in the following questions?

$$42 \times \{ (2 + 3) - 11 \} = ?$$

(A)40

(B)80

(C)-10

(D) -96

(E)None of these



What value should come in the place of question mark(?) in the following questions?

$$17^3 + 34 \times 36 - 19^2 = ?$$

(A) 5475

(B) 5776

(C) 5276

(D) 5476

(E) None of these



What should come at place of the question mark (?) in the following number series ?

11. 12, 27, 77, 313, ?

(A) 1480

(B) 1559

(C) 1320

(D) 1149

(E) None of these



What should come at place of the question mark (?) in the following number series ?

12 . -729 , -721 , -596 , -253 , ?

(A)402

(B)425

(C)512

(D)625

(E)None of these



What should come at place of the question mark (?) in the following number series ?

13 . 12 , 8 , 12 , 32 , ?

(A) 125

(B) 144

(C) 64

(D) 69

(E) None of these

 0:30

What should come at place of the question mark (?) in the following number series ?

14. -8, -6, -9, -4, -11, ?

(A)-6

(B)-2

(C)5

(D)9

(E)None of these



0:30

What should come at place of the question mark (?) in the following number series ?

15 . 27 , 28 , 32 , 59 , ?

(A) 315

(B) 302

(C) 255

(D) 289

(E) None of these



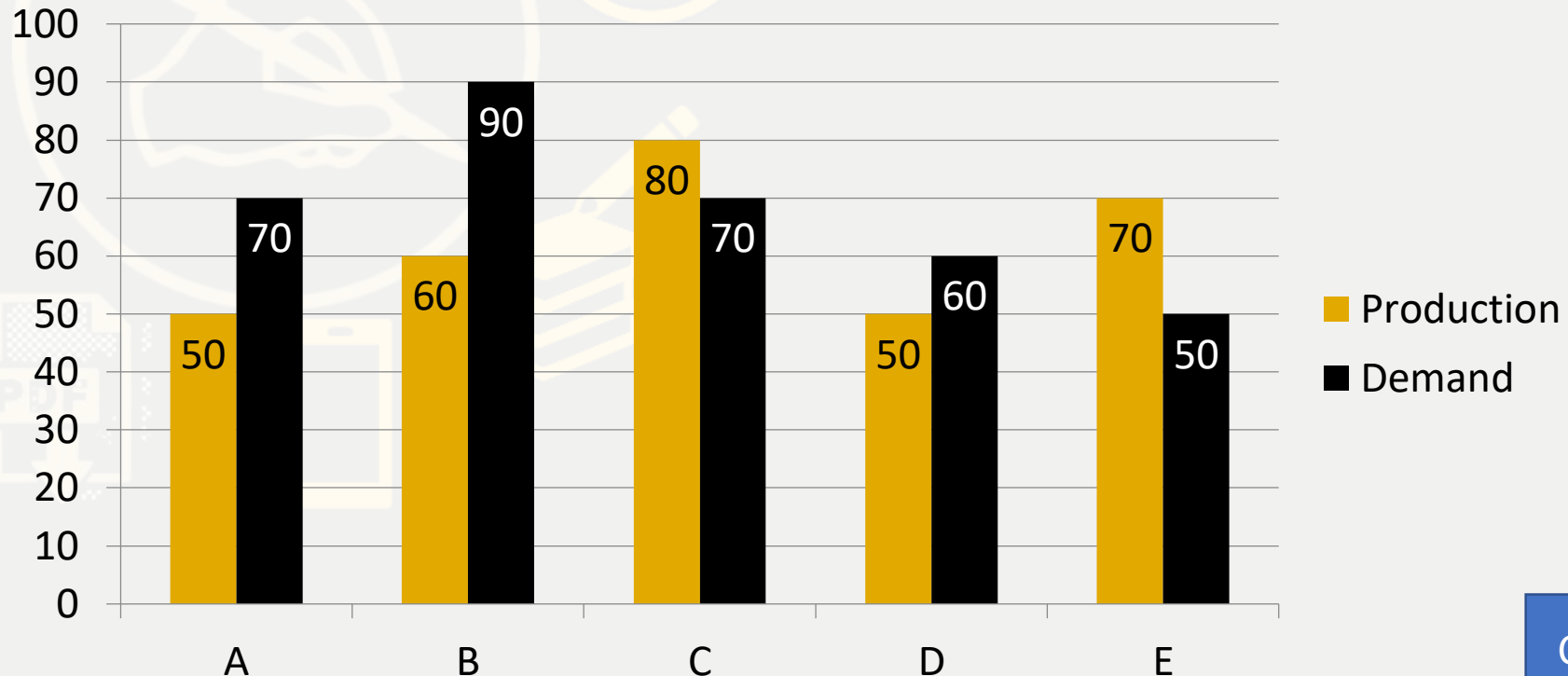
Directions (Q. 26-30): Direction for Question

Study the following bar graph carefully and answer the questions accordingly.

Following graph gives the demand and production of mobile phones of five companies

A, B, C, D and E

निम्नलिखित बार ग्राफ का ध्यानपूर्वक अध्ययन करें और उसके अनुसार प्रश्नों के उत्तर दें। निम्नलिखित ग्राफ पांच कंपनियों A, B, C, D और E के मोबाइल फोन की मांग और उत्पादन को दर्शाता है

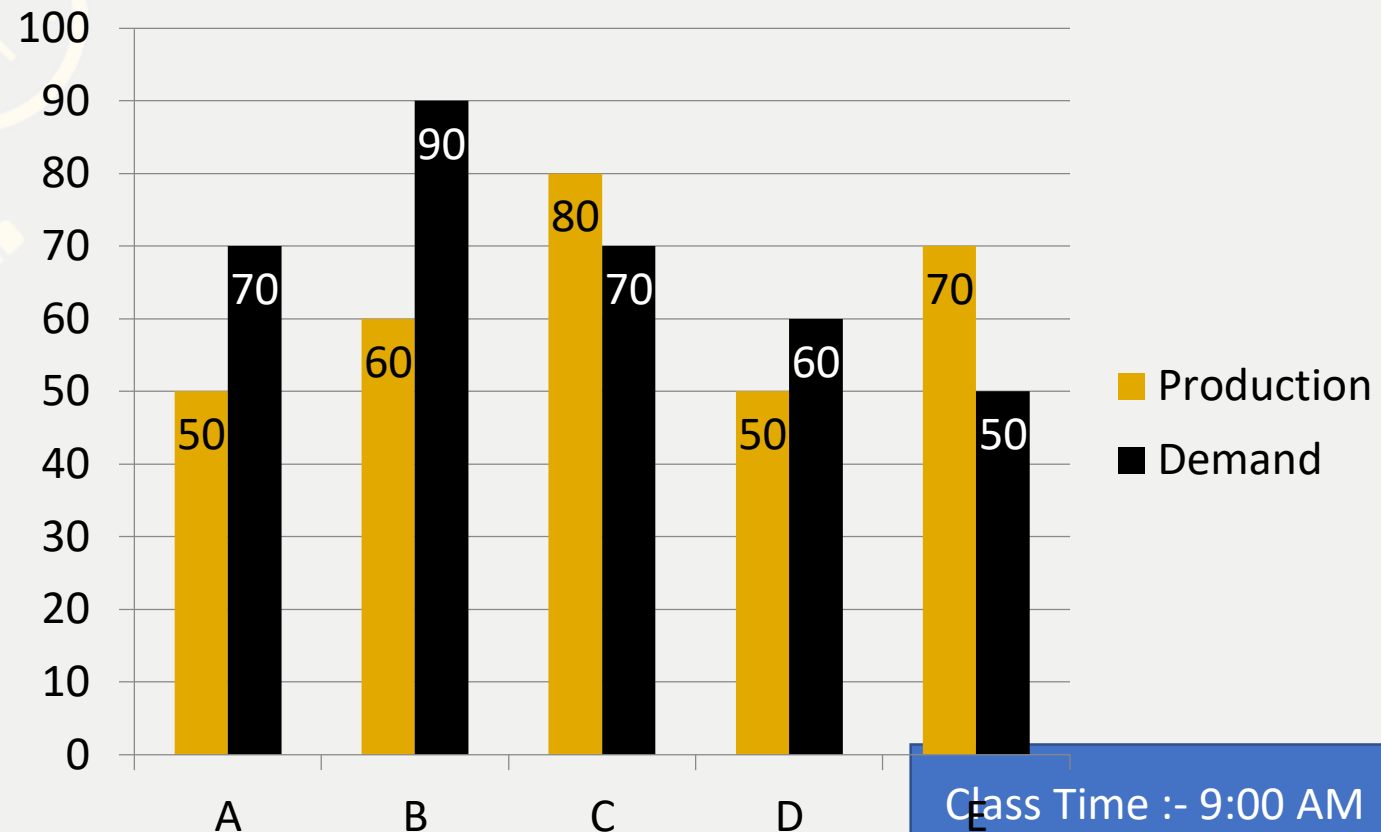


The production of company B is approximately what percent of the demand?

कंपनी B का उत्पादन मांग का लगभग कितना प्रतिशत है?

- (A) 71.4% (B) 85% (C) 140% (D) 66.67% (E) None of these

0:30



What is the average production of mobile phones by all the companies?

सभी कंपनियों द्वारा मोबाइल फोन का औसत उत्पादन कितना है?

(A) 6200

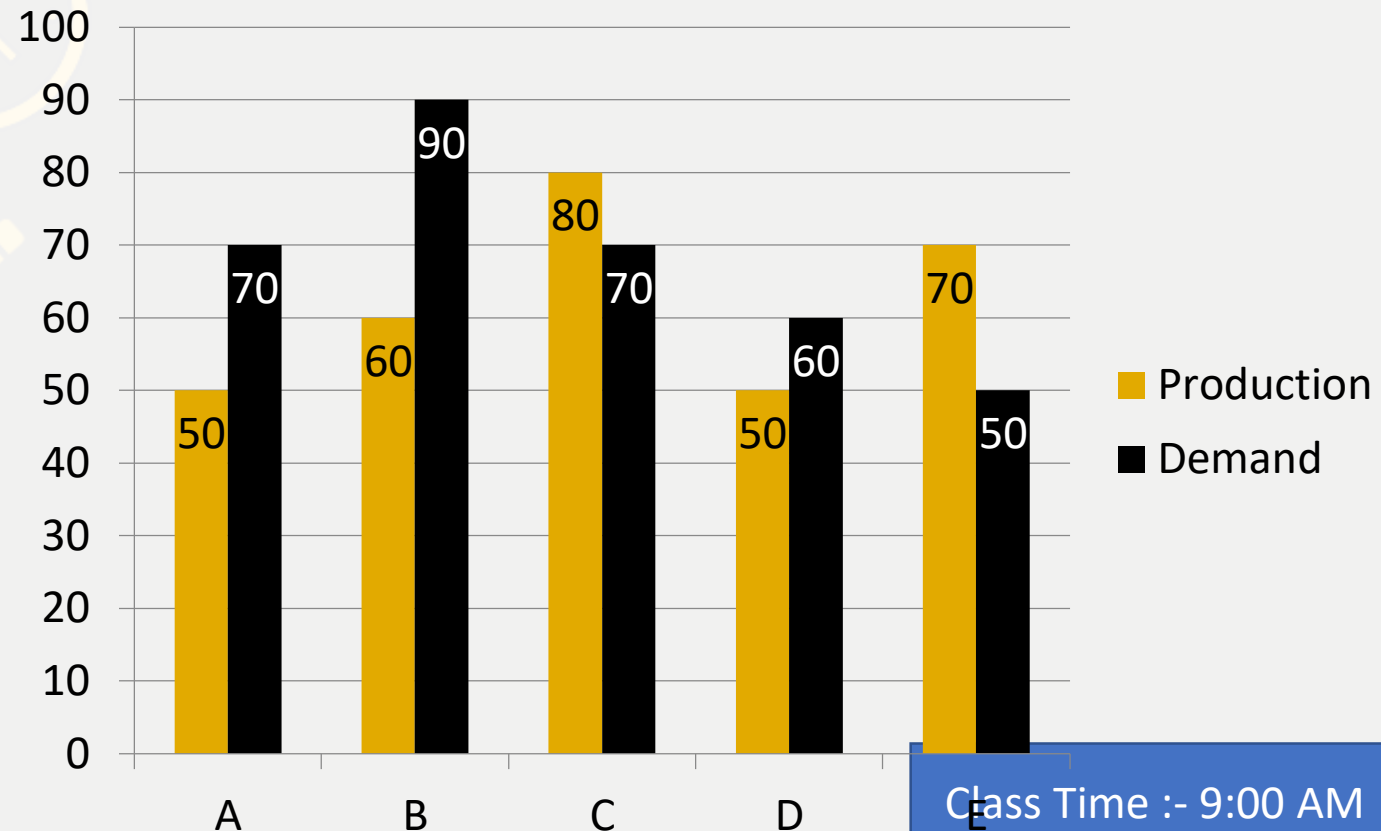
(B) 50000

(C) 62000

(D) 52000

(E) None of these

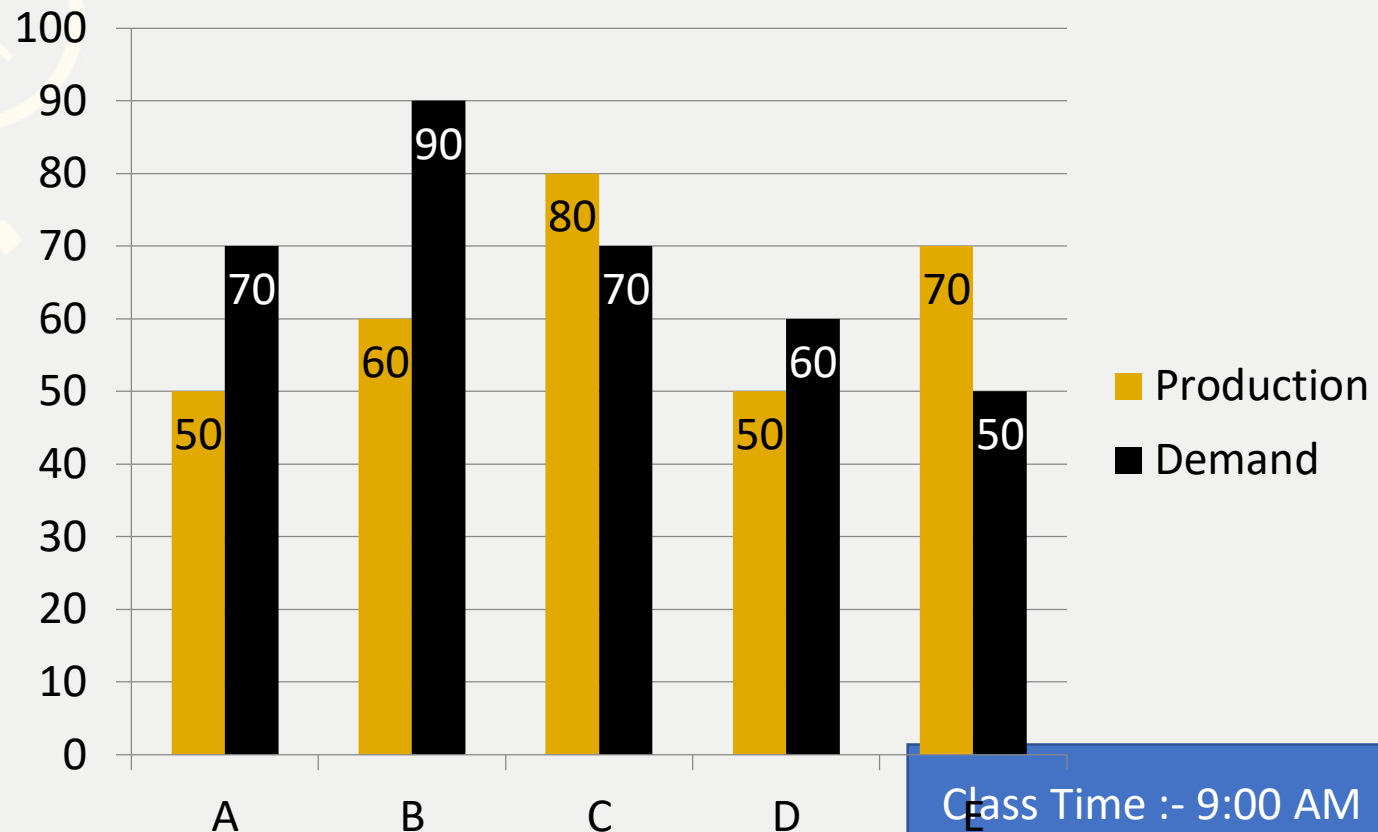
0:30



The production of mobile phones by company C is the same as the production of which of the following pairs of the companies?

कंपनी C द्वारा मोबाइल फोन का उत्पादन कंपनी के निम्नलिखित में से किस जोड़े के उत्पादन के समान है?

- (A) A and D (B) B and E (C) D and E (D) B and A (E) None of these

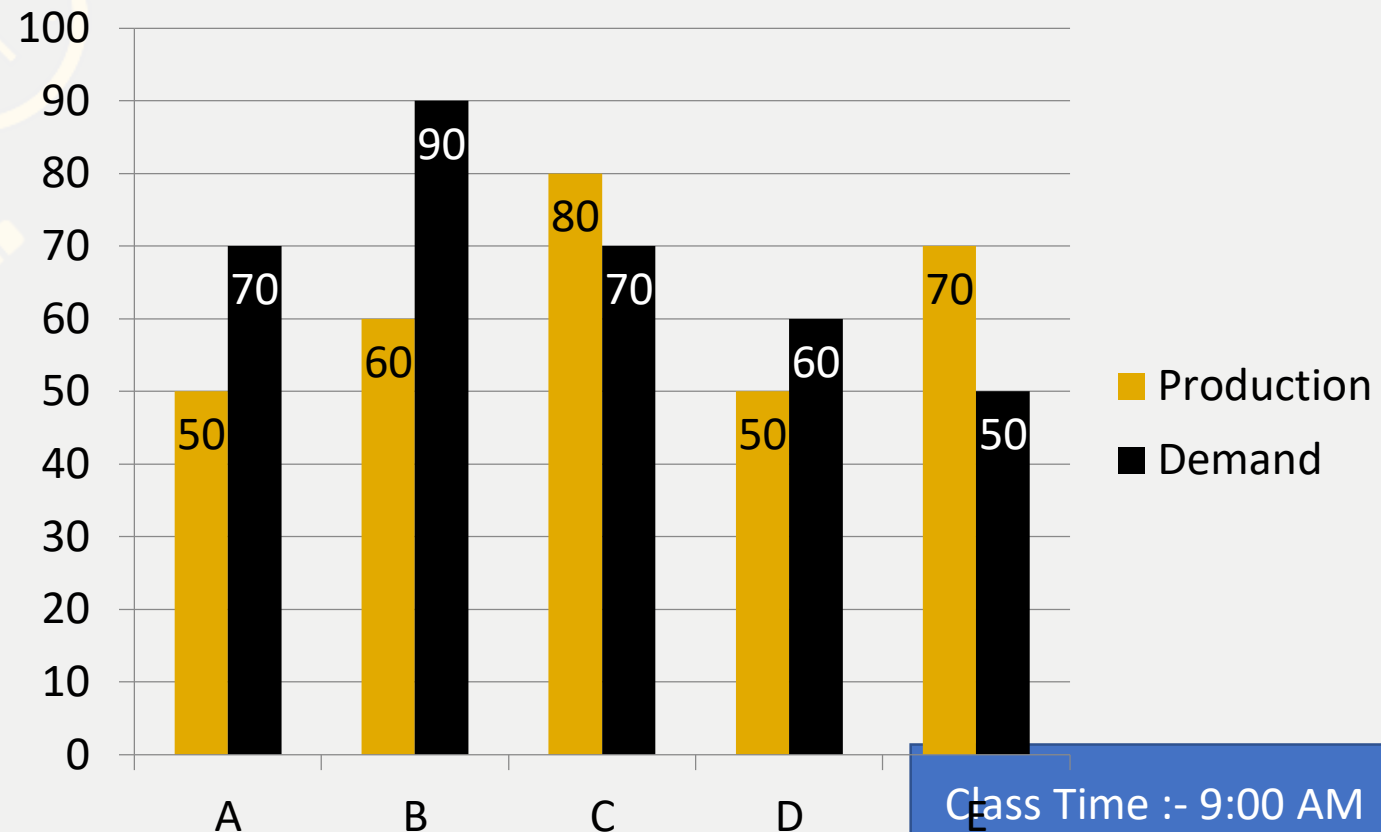


The demand of company E is approximately what percent of the demand of company D?

कंपनी E की मांग कंपनी D की मांग का लगभग कितना प्रतिशत है?

- (A)30% (B)65% (C)83.3% (D)40% (E)None of these

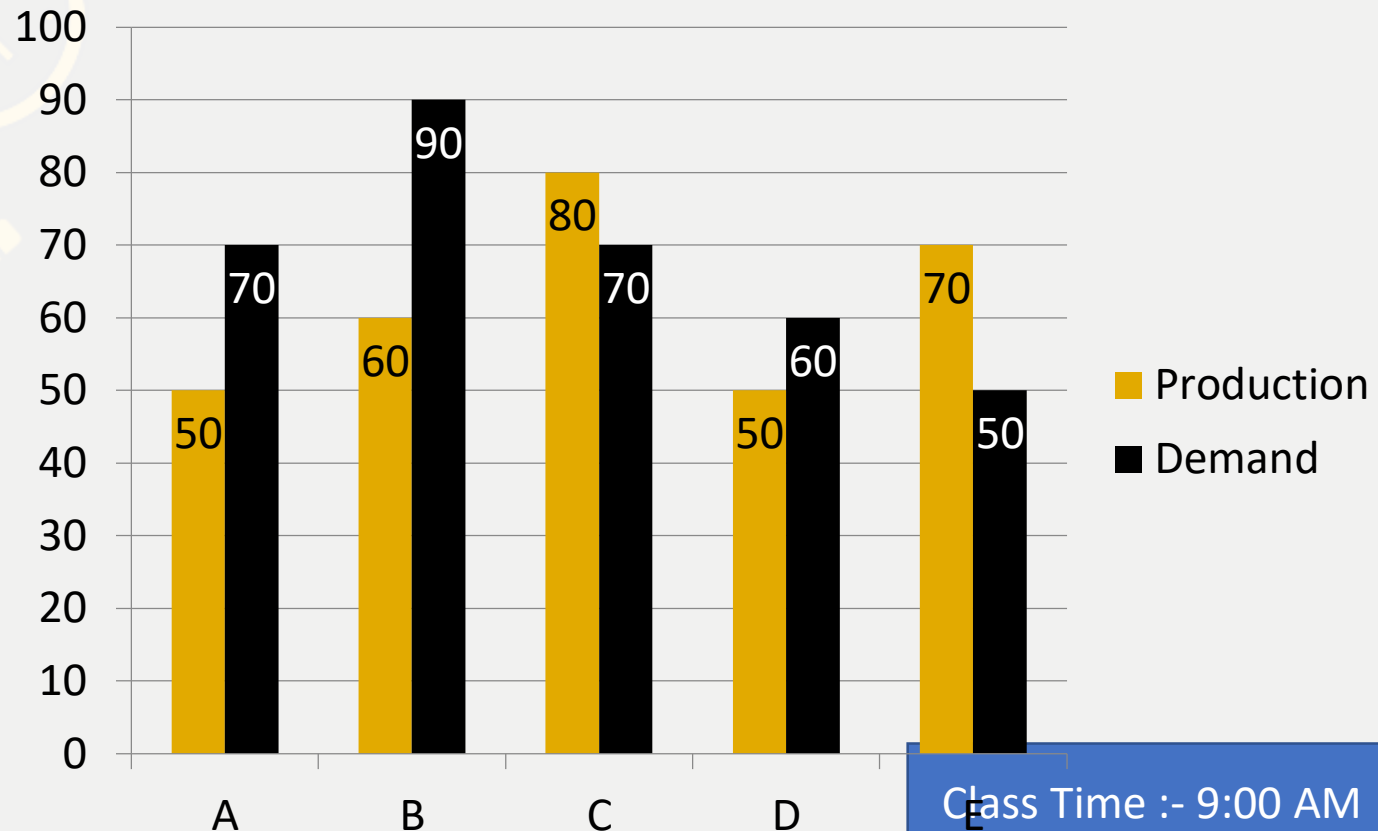
0:30



To meet its demand the company A wishes to buy the surplus mobile phones from a single company. Which of the following companies can supply?

अपनी मांग को पूरा करने के लिए कंपनी ए एक ही कंपनी से अधिशेष मोबाइल फोन खरीदना चाहती है। निम्नलिखित में से कौन सी कंपनी आपूर्ति कर सकती है?

- (A)B (B)C (C) D (D)E (E)None of these



Fresh fruits contain 75% while dry fruits contain 20% water. If the weight of dry fruits is 300 kg, what was its total weight when it was fresh?

ताजे फलों में 75% जबकि सूखे मेवों में 20% पानी होता है। यदि सूखे मेवों का वजन 300 किग्रा है, तो ताजा होने पर इसका कुल वजन कितना था?

(A)900

(B)850

(C)920

(D)960

(E)None of these

0:30

At the party there is a total of 120 handshakes. If all the persons shake hands with every other person. Then find the number of a person present at the party.

पार्टी में कुल 120 हैंडशेक हैं। अगर सभी व्यक्ति हर दूसरे व्यक्ति से हाथ मिलाते हैं। तो पार्टी में उपस्थित व्यक्ति की संख्या ज्ञात कीजिए।

- (A) 15 (B) 16 (C) 17 (D) 18 (E) None of these

0:30

A person sold an electronic watch at Rs. 96 in such a way that his percentage profit is the same as the cost price of the watch. If he sells it at twice the percentage profit of its previous percentage then find the new selling price. एक व्यक्ति ने एक इलेक्ट्रॉनिक घड़ी रु. 96 इस प्रकार है कि उसका प्रतिशत लाभ घड़ी के क्रय मूल्य के समान है। यदि वह इसे इसके पिछले प्रतिशत के लाभ के दुगुने प्रतिशत पर बेचता है तो नया विक्रय मूल्य ज्ञात कीजिए।

(A) 132

(B) 120

(C) 123

(D) 100

(E) None of these

0:30

Q.36 :-The different between downstream speed and upstream speed is 2 kmph and the total time taken during upstream and downstream is 2 hours. What is the upstream speed, if the downstream and upstream distance are 2 km each? अनुप्रवाह गति और धारा के प्रतिकूल गति के बीच का अंतर 2 किमी प्रति घंटा है और धारा के प्रतिकूल और अनुप्रवाह के दौरान लिया गया कुल समय 2 घंटे है। धारा के प्रतिकूल गति क्या है, यदि अनुप्रवाह और धारा के प्रतिकूल दूरी प्रत्येक 2 किमी है?

(A)5.2

(B)3.7

(C)2.8

(D)1.4

(E)CND

0:30

Q.37 :-Shikha and Shreya invested in the ratio 7: 8 in a business. They got an annual profit of Rs 34450. If Shikha withdrew her entire money at the end of 9 months, then what is the difference between their shares of profit? शिखा और श्रेया ने एक व्यवसाय में 7:8 के अनुपात में निवेश किया। उन्हें 34450 रुपये का वार्षिक लाभ हुआ। यदि शिखा ने 9 महीने के अंत में अपना पूरा पैसा वापस ले लिया, तो उनके लाभ के शेयरों के बीच का अंतर क्या है?

(A)7570

(B) 6400

(C)7560

(D)7150

(E)None of these

0:30

Direction (31 to 35):- In each question two equations numbered (I) and (II) are given. You have to solve both the equations and mark appropriate answer.

(a) If $x > y$

(b) If $x < y$

(c) If $x \geq y$

(d) If $x \leq y$

(e) $x = y$ or no relation can be established

Q.31 :- I. $x^3 = 1331$

II. $y^3 = 1728$

Q.32 :- I. $2x^2 + x - 1 = 0$

II. $2y^2 - 3y + 1 = 0$

Q.33 :- I. $x^2 + 11x + 30 = 0$

II. $y^2 + 12y + 36 = 0$

Q.34 :- I. $6x^2 + 51x + 105 = 0$

II. $2y^2 + 25y + 78 = 0$

Q.35 :- I. $6x + 7y = 52$

II. $14x + 4y = 35$

