





Mahendra's

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IBPS CLERK/PO 2021

LIVE



MATHS

9:00 AM



**LIVE
MOCK
DISCUSSION**



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IBPS RRB PO MAINS 2021

Maths | Reasoning | English | GA | Hindi | Computer

महा मैराथन
12 घंटे लगातार

19 सितंबर

LIVE

सुबह 8:00 बजे

UPCOMING ONLINE BATCHES

September 2021

01 Sep 2021

01:00 PM to 03:00 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

08:00 AM to 10:00 AM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

08 Sep 2021

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

BILINGUAL

15 Sep 2021

03:00 PM to 05:00 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

LIVE MATHS INDIVIDUAL
(ONLINE LIVE CLASS)

BILINGUAL

03:00 PM to 05:00 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

ENGLISH MEDIUM

22 Sep 2021

05:30 PM to 07:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

BILINGUAL

29 Sep 2021

10:30 AM to 12:30 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

07:30 PM to 09:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

ENGLISH MEDIUM

R

Rajnandini Pal 20 hours ago

Thank you so much sir 🙏

Home work Answer:

Q3)option c(6859) logic(23 cube)

Q4) option A (but if it's taken 101 in place of

Read more

  REPLY[View reply from Mahendras : Online Vid](#)

p

pratiksha bhagwat 13 minutes ago

Home work answer

Q3. Option C 6859 cube 19 ka

Q4. Option A

Q5. Option B...

Read more

  REPLY

Sarita 19 hours ago

Homework answer

Q.3)option (C) 6859

Q.4) option (A) 33

Q.5) option (B) 87.5...

Read more

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Aheli Chatterjee 22 hours ago (edited)

Q3 of number series = 19 cube = 6859


Q4 " = 33 (if it's taken 159 in place of 150)

  REPLY[View reply from Mahendras : Online Videos For Govt. E](#)

Sarita 11 hours ago (edited)

Homework answer

Option (A) 52000

  REPLY

Rityaj Seth 22 hours ago



HOMEWORK ANSWERS

OPTION A-52000

OPTION D-6859

OPTION A-33 sir is 4rth no. Wale series me 150 ke place pe 1

Read more

  REPLY[View reply from Mahendras : Online Videos For Govt. E](#)

Rajnandini Pal 21 hours ago

Good morning ma'am 🙏

  REPLY[View reply from Mahendras : Online Videos For Govt. E](#)

Divyanshu Rajput 22 hours ago

Yes sir clear awaaz aa rahi h sir

  REPLY[View reply from Mahendras : Online V](#)

Rim 22 hours ago

Hw answer Number series Q4- option a 33

  REPLY[View reply from Mahendras : Online V](#)

Divyanshu Rajput 22 hours ago

Good morning sir

  REPLY[View reply from Mahendras : Online V](#)

Sachi Pandey 9 hours ago

3.b 4.a 5.b

  REPLY

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

HW. 68921 , 50653 , 29791 , 24389 , 12167 , ?

(A)6869

(B)6859

(C)6879

(D)6889

(E) None of these

0:30

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

HW. 159, 110, 74, 49, ?, 24

- (A)33 (B)35 (C)39 (D)37 (E) None of these



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

HW. 120 , 15 , 105 , 17.5 , ? , 21.875 , 65.625

(A)85.5

(B)87.5

(C)89.5

(D)83.5

(E) None of these



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

Read the following information carefully to answer the questions asked

The following table shows the expenditure and income of a certain company in 5 years.

Upon which its profit% and loss% are also given. Some values are missing.

पूछे गए प्रश्नों के उत्तर देने के लिए निम्नलिखित जानकारी को ध्यान से पढ़ें निम्नलिखित तालिका 5 वर्षों में एक निश्चित कंपनी के व्यय और आय को दर्शाती है। जिस पर उसका लाभ% और हानि% भी दिया जाता है। कुछ मान अनुपलब्ध हैं

Year	Expenditure (in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	-	15%
2015	248	-	-
2016	210	-	20%
2017	-	359.6	-
2018	-	-	-12%

Q.26 :-Profit in 2016 is how much percent more as compared to profit in 2014?

2016 में लाभ 2014 में लाभ की तुलना में कितना प्रतिशत अधिक है?

(A)63.23% (B)56.76% (C)45.83% (D)59.82% (E)None of these

0:30

Year	Expenditure (in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	-	15%
2015	248	-	-
2016	210	-	20%
2017	-	359.6	-
2018	-	-	-12%

Q.27 :- In 2018, expenditure of company was 15% more as compared to 2015. Find income generated by company in 2018.

2018 में, कंपनी का व्यय 2015 की तुलना में 15% अधिक था। 2018 में कंपनी द्वारा उत्पन्न आय ज्ञात कीजिए।

(A)268.076millions (B)254.936millions (C)250.976millions (D)244.438millions (E)None

0:30

Year	Expenditure (in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	-	15%
2015	248	-	-
2016	210	-	20%
2017	-	359.6	-
2018	-	-	-12%

Q.28:- Loss incurred by company in 2015 was 33.2 millions more than profit of company in 2014, what is the loss% incurred by company in 2015?

2015 में कंपनी द्वारा किया गया नुकसान 2014 में कंपनी के लाभ से 33.2 मिलियन अधिक था, 2015 में कंपनी द्वारा हुई हानि% क्या है?

- (A)17% (B)28% (C)22% (D)25% (E)None of these

0:30

Year	Expenditure (in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	-	15%
2015	248	-	-
2016	210	-	20%
2017	-	359.6	-
2018	-	-	-12%

Q.29 :- In 2017, profit percent of company was 60% more than in 2014. Find percent increase (approximately) in expenditure of company in 2017 as compared to previous year.
2017 में, कंपनी का लाभ प्रतिशत 2014 की तुलना में 60% अधिक था। पिछले वर्ष की तुलना में 2017 में कंपनी के व्यय में प्रतिशत वृद्धि (लगभग) ज्ञात कीजिए।

- (A)41% (B)29% (C)45% (D)38% (E)None of these

Year	Expenditure (in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	-	15%
2015	248	-	-
2016	210	-	20%
2017	-	359.6	-
2018	-	-	-12%

Q.30 :- Using the data from table and above 4 questions, find the average profit of company in all years.

तालिका और 4 प्रश्नों के डेटा का उपयोग करके, सभी वर्षों में कंपनी का औसत लाभ ज्ञात कीजिए।

(A)7.8652millioons (B)8.8352millions (C)8.8452millions (D)8.3545millions (E)None of these

Year	Expenditure (in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	-	15%
2015	248	-	-
2016	210	-	20%
2017	-	359.6	-
2018	-	-	-12%

0:30

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



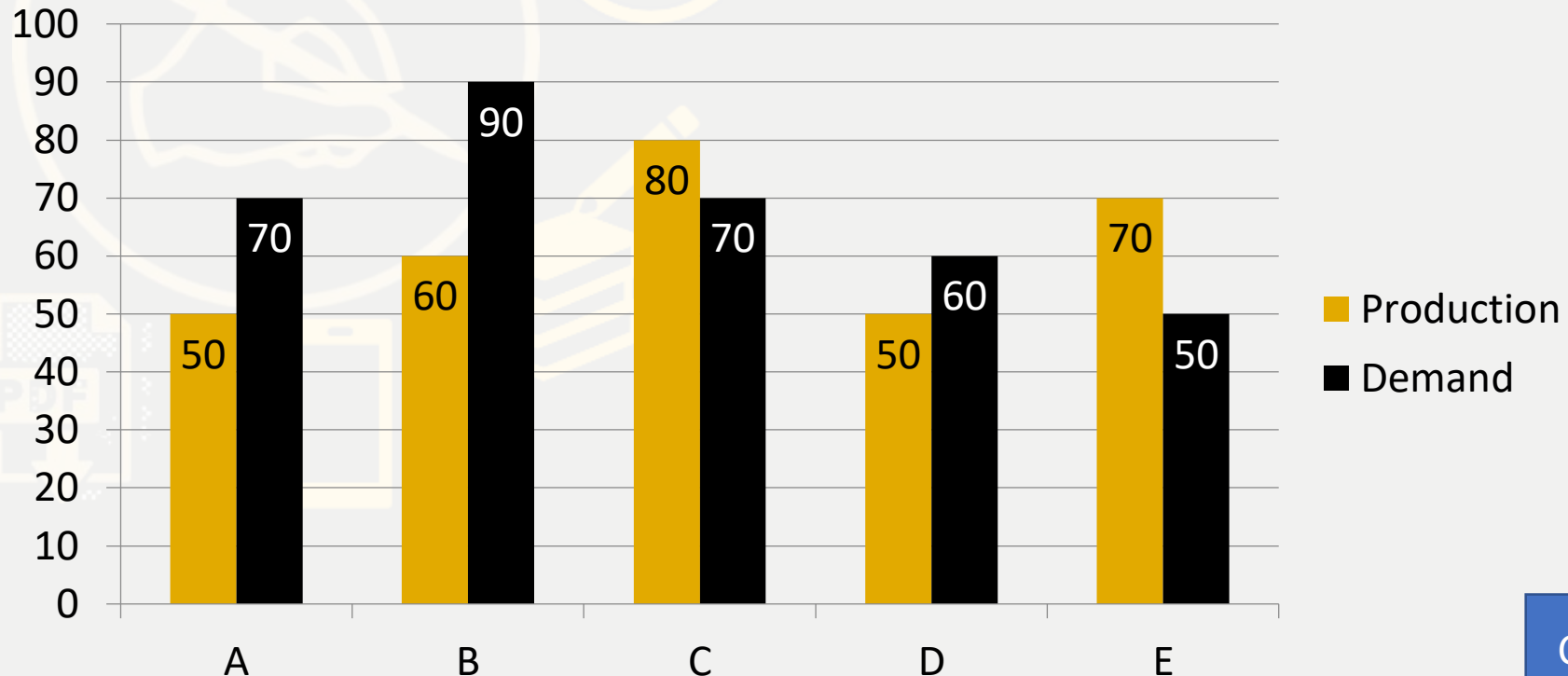
Directions (Q. 26-30): Direction for Question

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

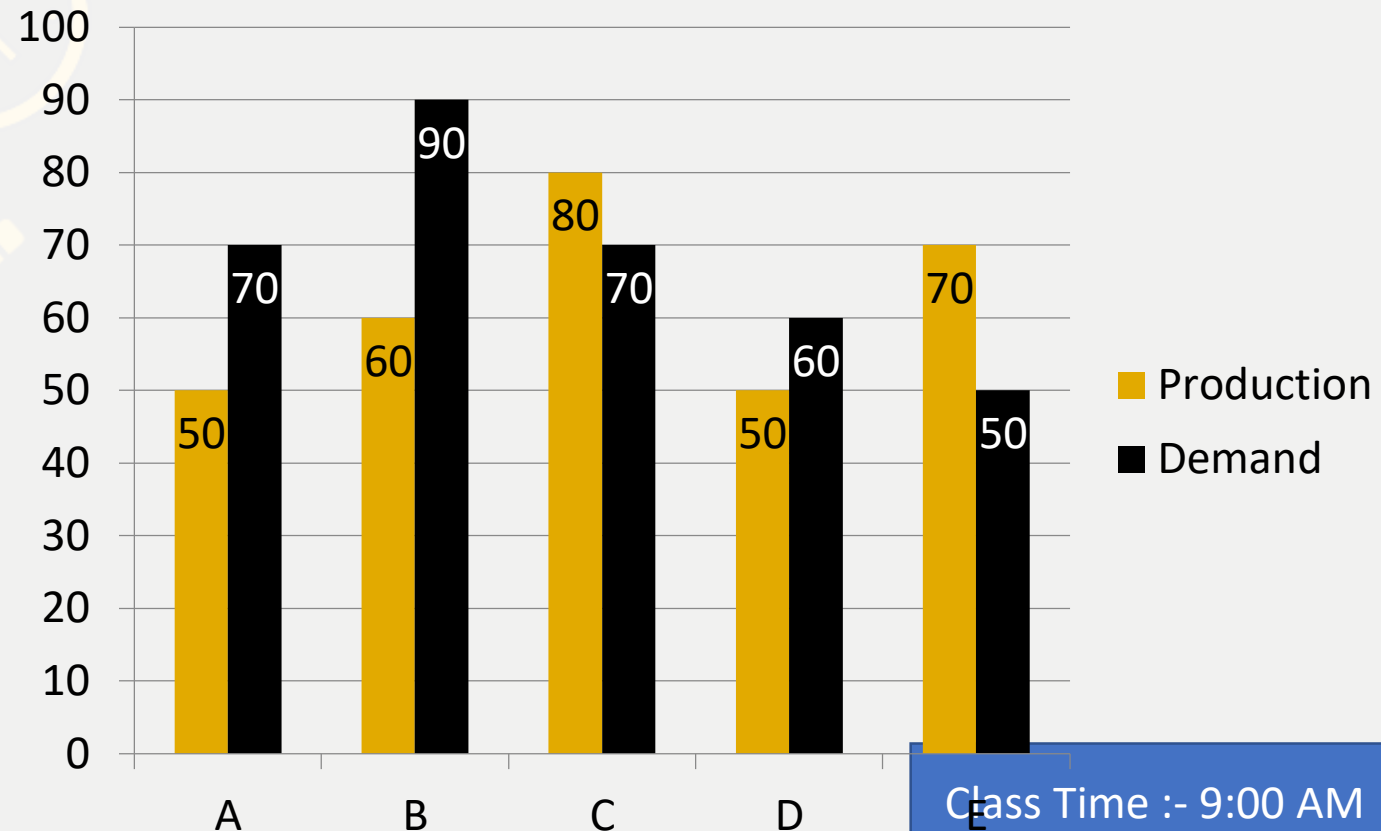
निम्नलिखित बार ग्राफ का ध्यानपूर्वक अध्ययन करें और उसके अनुसार प्रश्नों के उत्तर दें। निम्नलिखित ग्राफ पांच कंपनियों A, B, C, D और E के मोबाइल फोन की मांग और उत्पादन को दर्शाता है



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



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

सभी कंपनियों द्वारा मोबाइल फोन का औसत उत्पादन कितना है?

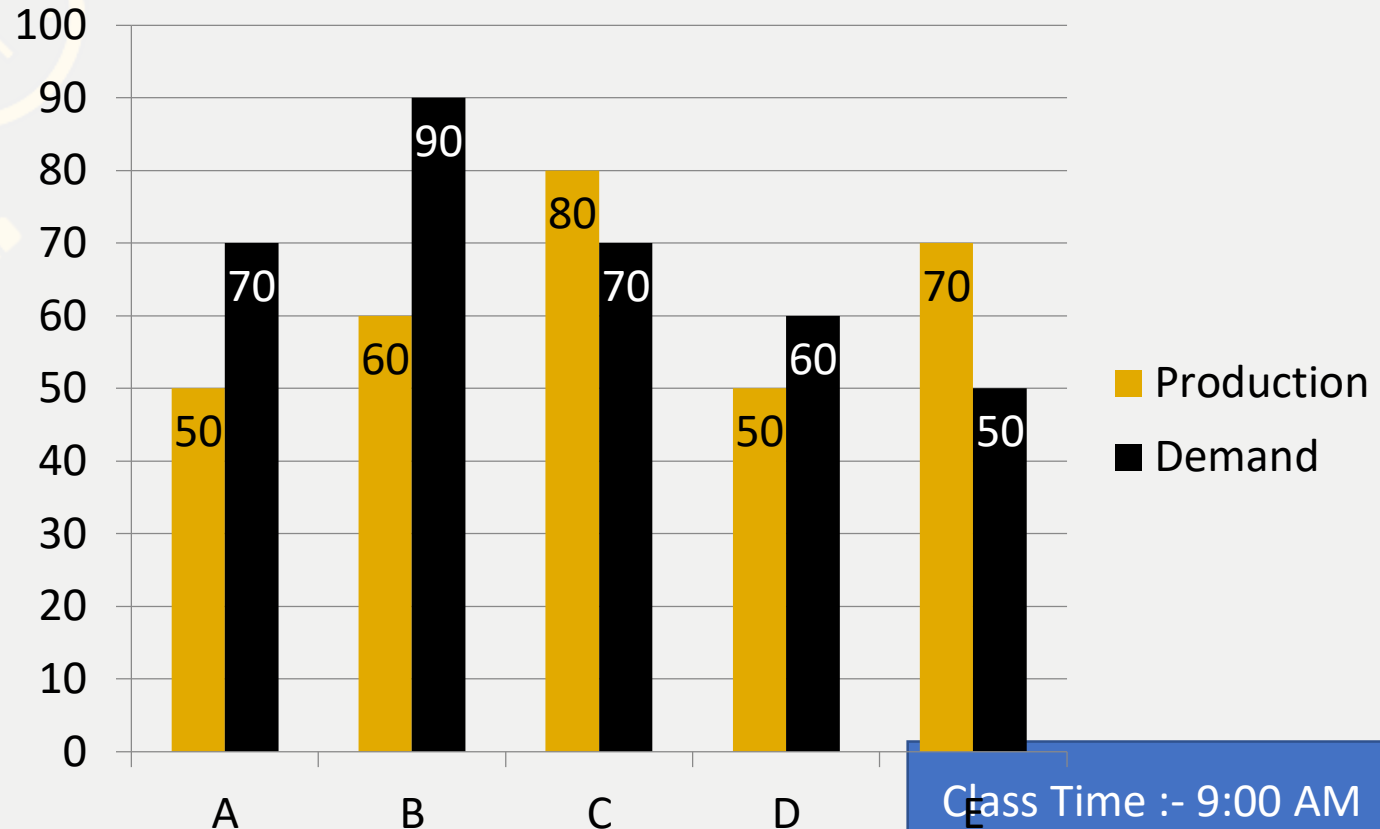
(A)6200

(B)50000

(C)62000

(D)52000

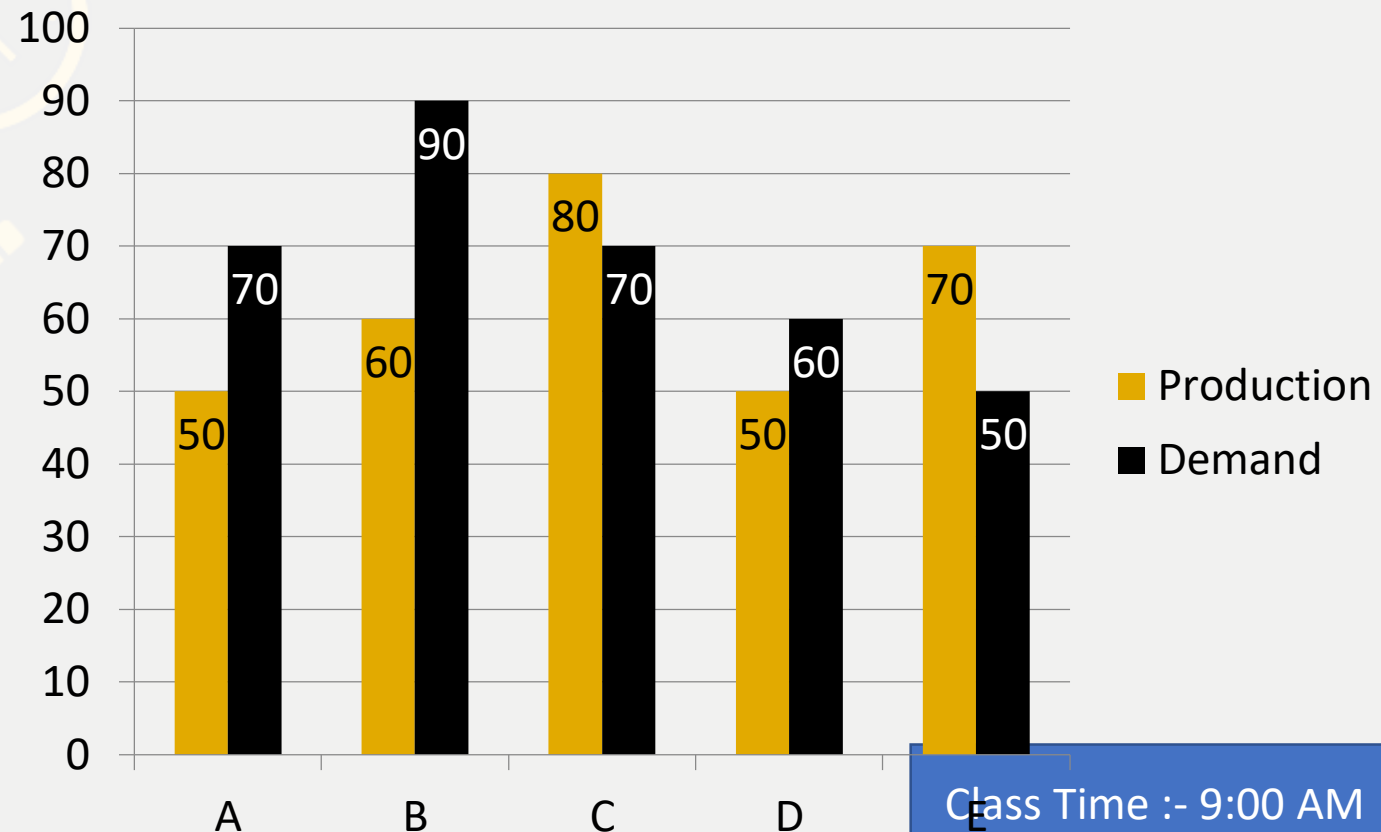
(E)None of these



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?

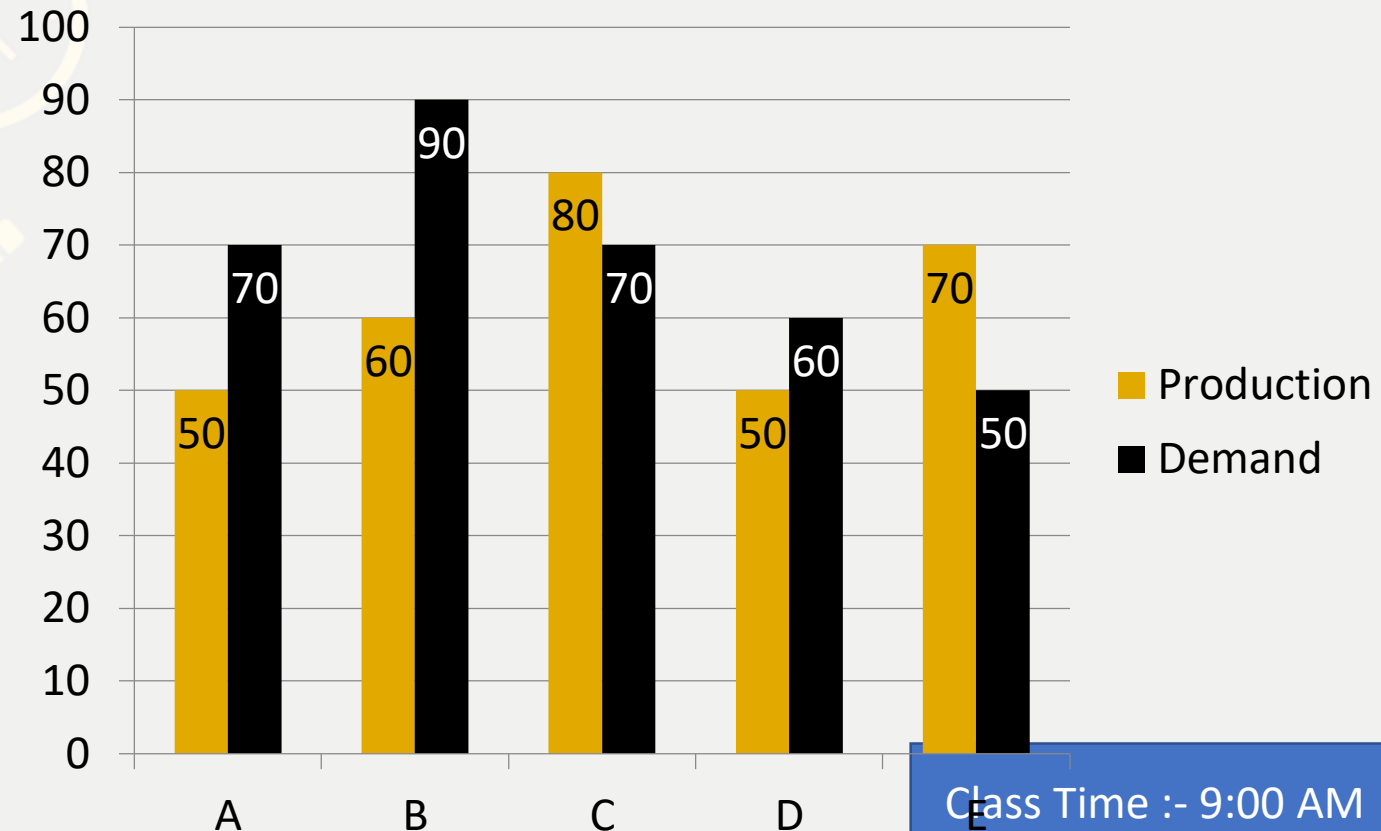
- (A) A and D (B) B and E (C) D and E (D) B and A (E) None of these



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?

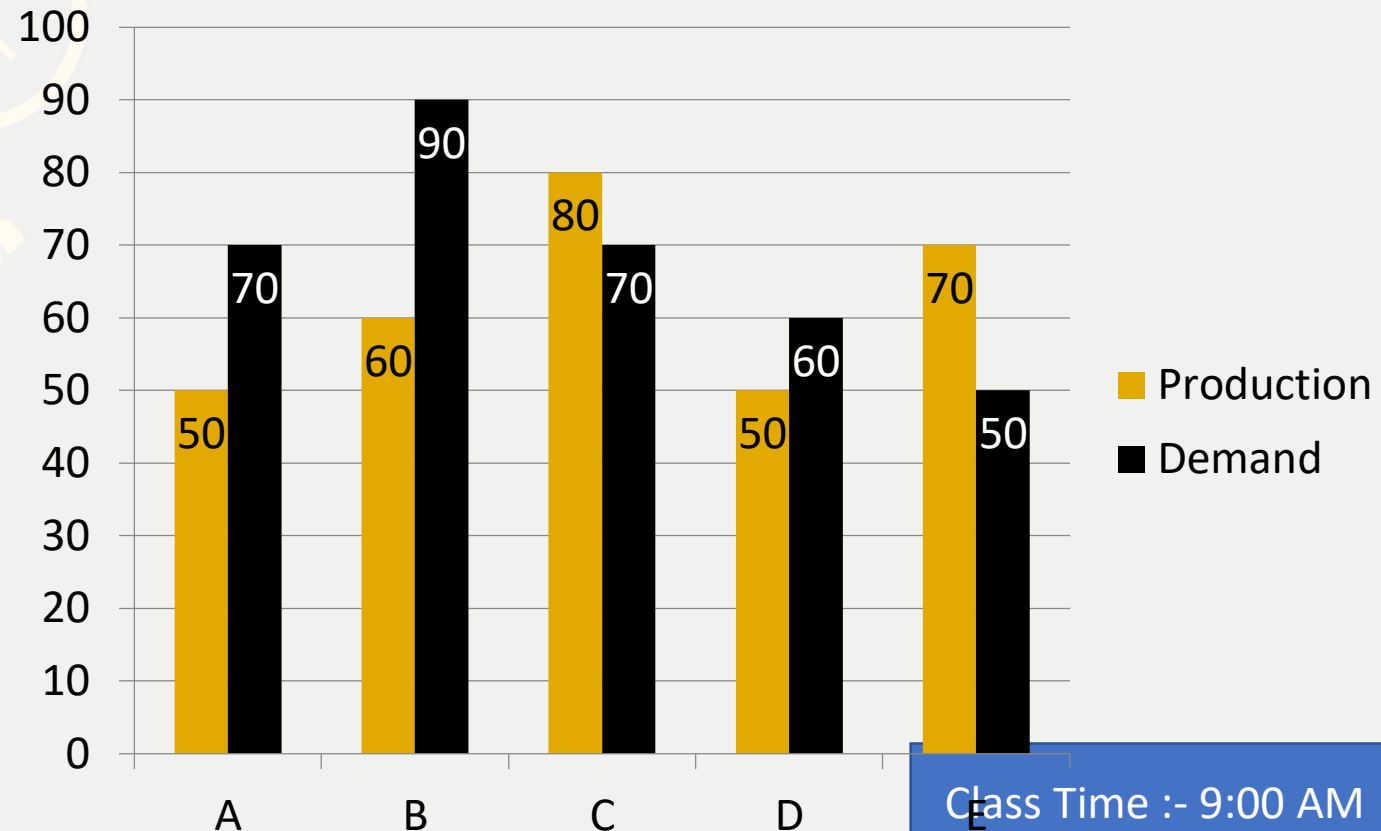
- (A)30% (B)65% (C)83.3% (D)40% (E)None of these



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



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. $14x + 4y = 35$



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



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



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



0:30

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

THANKS

