





Mahendra's

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Mahendra's



RBI ASSISTANT 2021-22

MATHS

35 / 35

**TOP 30 MOST
EXPECTED PAPERS**

LIVE

PAPER-7 09:00 AM



Class Time :- 9:00 AM



Palak Shukla 1 day ago

Homework answer—

11 years , Option D

Average of father and mother = 32

{ Sum of the age of father and mother is never more

Read more

👍 2 🗨️ REPLY

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jagruti herambha 1 day ago

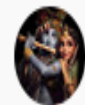
Homework ans

Option (B) 9

Thank you sir for amazing session 🙏👍

👍 🗨️ REPLY

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Shivam Tiwari 1 day ago

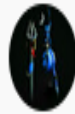
Homework Answer:-

11 years (Option D)

Awesome Session Sir Thankyou 🙏👍👍👍👍👍

👍 1 🗨️ REPLY

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Sarita 14 hours ago

Homework answer

Option B (9 years)

Today nice session sir

Thank you so much sir 🙏👍😊🙏

👍 🗨️ REPLY

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Gita Roy 22 hours ago

Homework answer-option c(according to english) :

👍 🗨️ REPLY



Mohit.. 1 day ago (edited)

Thank-you sir for today's class session..🙏👍

And

My answer for today's homework is-

Option D-11 yrs...

Read more

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Hiral tiwari 1 day ago

(B)9

Father and mother $42 \times 2 = 84$

Father, mother and son $25 \times 3 = 75$

Son age $84 - 75 = [9]$...

Read more

👍 🗨️ REPLY

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Bhavika Goyal 1 day ago

Homework question - option (D) 11

Thank u so much sir 🙏😊

👍 🗨️ REPLY

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Khushboo Mandal 1 day ago

homework answer—

$(F+M) = 42 \times 2 = 84$

$(F+M+S) = 25 \times 3 = 75$

THEN „ SON'S AGE = $84 - 75 = 9$ YEAR ...

Read more

👍 🗨️ REPLY

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AAYUSH SRIVASTAVA 1 day ago

HOMEWORK QUESTION- (B): 9 YEARS

👍 🗨️ REPLY

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Gautam Kumar 1 day ago

HOME WORK QUESTION ANSWER

$F+M/2=42=84$

$F+M+S/3=25=75$

$84-75=9$ option B

👍 🗨️ REPLY

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Juhi Agarwal 21 hours ago

Homework Ans 11

Thank you sir.

👍 🗨️ REPLY

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Suman Paul 1 day ago

Answer = 11 years (Option - D)

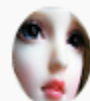
P Prakash Dwivedi 1 day ago
ans -11 years
thank you sir

👍 🗨️ REPLY

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r ruma rajwar 1 day ago
homework ans: english me question galat hai sir
hindi me jo hai uske according ans-11 years-option D

👍 🗨️ REPLY

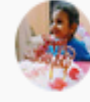
 Saheli Sadhukhan 1 day ago
Sit hindi me father & mother ka avg 32, and eng me 42 likha hai
As per hindi ver, ans 11

👍 🗨️ REPLY

S Sonam Pundir 1 day ago
Hw = 11 years (Hindi), 9 years (eng) sir 😊

👍 🗨️ REPLY

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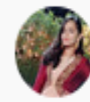
 punit pandey 1 day ago
Hw ka ans 11 hoga
 $25 \times 3 - 32 \times 2 = 11$ yrs Bt English mai qst mai mistake hai sir

👍 🗨️ REPLY

D Dron patodia 1 day ago
Homework question ans is 11 yrs.


👍 🗨️ REPLY

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 Manshi Vasita 1 day ago
Homework
Answer : B 9 year

👍 🗨️ REPLY

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 EMANDI SATEESH 1 day ago
9 years sir..

👍 🗨️ REPLY

N Nitika Gupta 1 day ago
Homework
Option b 9 years

D Deepali Yadav 1 day ago
Son... $84 - 75 = 9$ years old...
Homework ans

👍 🗨️ REPLY

▼ [View reply from Mahendras :](#)

In a family, the average age of a father and a mother is 42 years. The average age of the father, mother and their only son is 25 years. What is the age of the son?

एक परिवार में एक पिता और माता की औसत आयु 42 वर्ष है। पिता, माता और उनके इकलौते पुत्र की औसत आयु 25 वर्ष है। बेटे की उम्र क्या है?


(A) 16

(B) 9

(C) 6

(D) 11

(E) 18



0:30

The sum of five consecutive even and four consecutive odd number is 96. Find the difference between highest even number and lowest odd number among them if smallest even number is 4.

पाँच क्रमागत सम संख्या और चार क्रमागत विषम संख्याओं का योग 96 है। यदि सबसे छोटी सम संख्या 4 है, तो उनमें से सबसे बड़ी सम संख्या और सबसे छोटी विषम संख्या के बीच का अंतर ज्ञात कीजिए।

- (A)7 (B)1 (C)3 (D)5 (E)None of these

0:30

A student goes to college at the rate of 5 km/h and reaches 12 minutes late. If he travels at the speed of 8 km/h he is 15 minutes early. Find the distance between his college and his starting point?

एक छात्र 5 किमी/घंटा की गति से कॉलेज जाता है और 12 मिनट देरी से पहुंचता है। यदि वह 8 किमी/घंटा की गति से यात्रा करता है तो वह 15 मिनट पहले आता है। उसके कॉलेज और उसके शुरुआती बिंदु के बीच की दूरी ज्ञात कीजिए?

(A) 7km

(B) 9km

(C) 5km

(D) 6km

(E) 8km



Two equal sums were borrowed at 8% p.a. for 2 years and 3 years respectively. The difference in the interest was Rs. 96. Find the sums borrowed.

दो समान राशियों को 8% प्रति वर्ष की दर से उधार लिया गया था। क्रमशः 2 वर्ष और 3 वर्ष के लिए। ब्याज में अंतर 96 रुपये था। उधार ली गई राशि ज्ञात कीजिए।

- (A)1200 (B)800 (C)2400 (D)1600 (E)None of these

**0:30**

Two person A and B can do a work in 60 days and 40 days respectively. They started the work together but A left after some time and B finished the remaining work in 10 days. After how many days A leave?

दो व्यक्ति A और B एक काम को क्रमशः 60 दिन और 40 दिन में पूरा कर सकते हैं। उन्होंने एक साथ काम शुरू किया लेकिन ए कुछ समय बाद छोड़ दिया और बी ने 10 दिनों में शेष काम खत्म कर दिया। A कितने दिनों के बाद छोड़ता है?

- (A)12 (B)15 (C)18 (D)8 (E)None of these

 0:30

An amount of money is to be divided among A, B and C in the ratio 4: 5:7 respectively. If the amount received by C is Rs. 1000 more than amount received by B, The total amount received by A and B together is

एक राशि को A, B और C में क्रमशः 4:5:7 के अनुपात में विभाजित किया जाना है। यदि C द्वारा प्राप्त राशि रु. B को प्राप्त राशि से 1000 अधिक, A और B को मिलाकर प्राप्त कुल राशि है

(A)5500

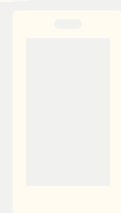
(B)8000

(C)4500

(D)6000

(E) None of these

0:30



Direction (21 to 25) :-The following tabulation shows the collection of books by A, B, and C for five different months. Study the following data and answer the following questions :


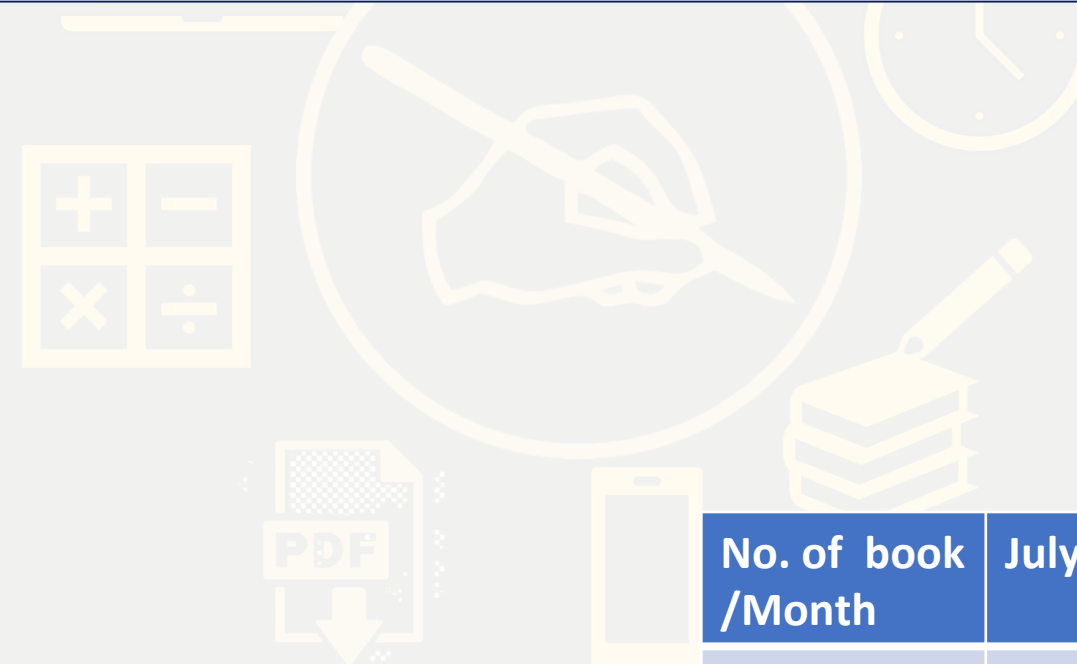
निम्नलिखित सारणी पांच अलग-अलग महीनों के लिए ए, बी और सी द्वारा पुस्तकों के संग्रह को दर्शाती है। निम्नलिखित डेटा का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें:

No. of book /Month	July	August	September	October	November
A	86	90	109	66	48
B	100	68	119	75	36
C	30	50	76	54	105

Q.21 :-Number of books collected by C in November is how much more/less than Number of books collected by B in July?

नवंबर में C द्वारा एकत्रित की गई पुस्तकों की संख्या, जुलाई में B द्वारा एकत्रित की गई पुस्तकों की संख्या से कितनी अधिक/कम है?

- (A)25 (B)50 (C)30 (D)16 (E)None of these



No. of book /Month	July	August	September	October	November
A	86	90	109	66	48
B	100	68	119	75	36
C	30	50	76	54	105

Q.22 :- What is ratio of number of books collected by A and C together in August to number of books collected by B and C together in July?

अगस्त में A और C द्वारा एकत्रित पुस्तकों की संख्या का जुलाई में B और C द्वारा एकत्रित पुस्तकों की संख्या से अनुपात कितना है?


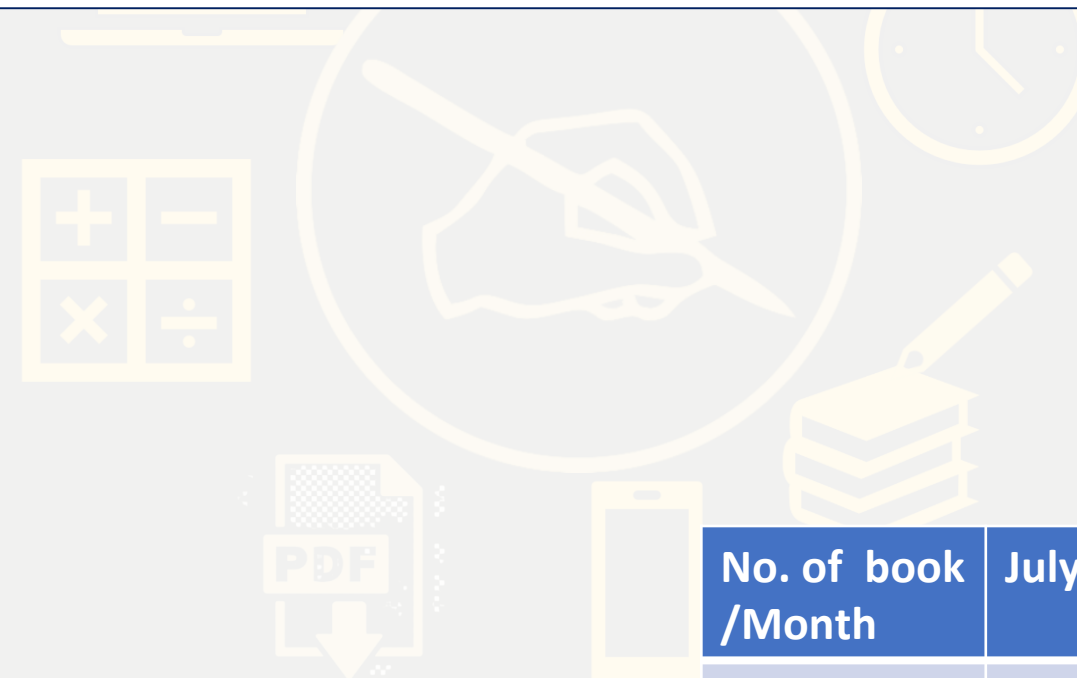
(A)1:1

(B)14:13

(C)14:13

(D)7:6

(E)None of these



No. of book /Month	July	August	September	October	November
A	86	90	109	66	48
B	100	68	119	75	36
C	30	50	76	54	105

Q.23 :- Which month has the minimum number of books?

किस महीने में किताबों की संख्या सबसे कम है?


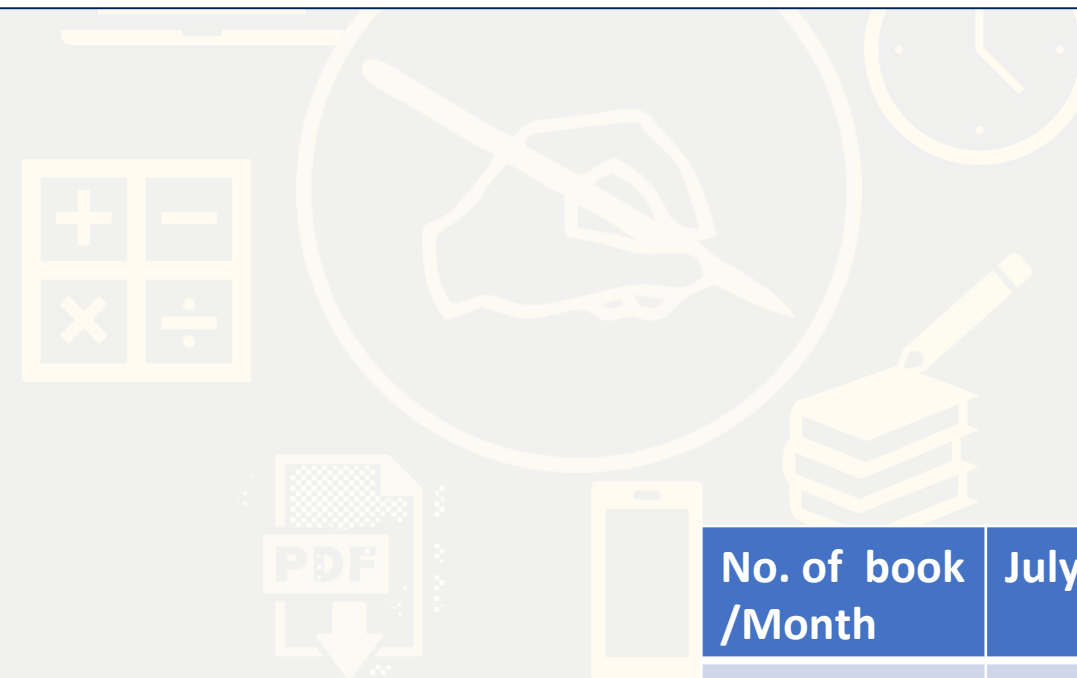
(A) July

(B) August

(C) September

(D) October

(E) November


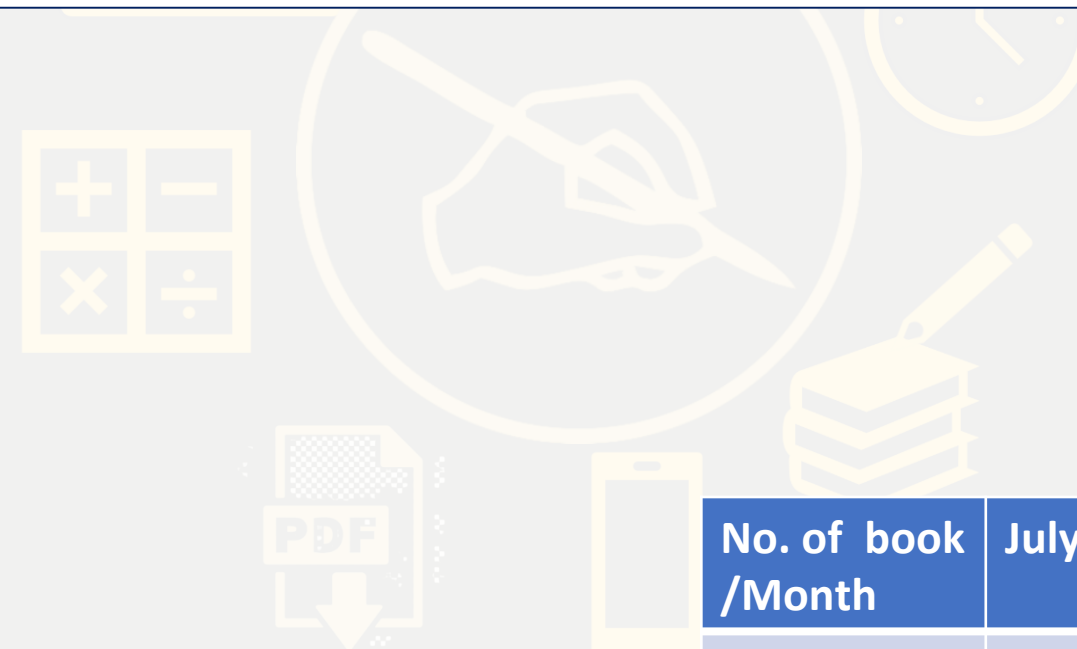


No. of book /Month	July	August	September	October	November
A	86	90	109	66	48
B	100	68	119	75	36
C	30	50	76	54	105

Q.24 :- What is the difference between number of book collected by B in november to number of book collected by A in July and August together?

नवंबर में B द्वारा एकत्र की गई पुस्तकों की संख्या और जुलाई और अगस्त में A द्वारा एकत्र की गई पुस्तकों की संख्या के बीच का अंतर कितना है?

- (A)120 (B) 135 (C)155 (D)140 (E)N one of these



No. of book /Month	July	August	September	October	November
A	86	90	109	66	48
B	100	68	119	75	36
C	30	50	76	54	105

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

$$36 \times 68 = 186048 \div ?$$

(A)55

(B)76

(C)79

(D)77

(E)50



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

$$0.7 \times 7.7 \times 7.77 = ?$$

(A)42.6204

(B)40.6602

(C)43.1180

(D)41.8803

(E)49.8803



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

$$15 \times 2256 \div 47 + 22 =$$

(A)740

(B)742

(C)745

(D)748

(E)758



0:30

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

$$547.37 - 212.42 + 272.87 = ? - 52.68$$

(A)660.2

(B)658.6

(C)656.8

(D)662.5

(E)660.5



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

$$3256 \div 37 = 8 \times ?$$

- (A)11 (B)13 (C)15 (D)17 (E) None of these**



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

$$(?)^2 \div 32 = 190.125$$

- (A)72 (B)76 (C)77 (D)75 (E)None of these**



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

$$78\% \text{ of } 75 + 36\% \text{ of } 325 = ?$$

(A)175.5

(B)178.2

(C)172.6

(D)174.8

(E)None of these



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

$$325 \times 0.72 + 42 \times 0.15 = ?$$

- (A) 251.6 (B) 238.4 (C) 240.6 (D) 230.6 (E) None of these**



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

$$252252 \div ? = 63 \times 77$$

(A)48

(B)49

(C)50

(D)51

(E)52



0:30

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

$$55\% \text{ of } \sqrt{2116} \div 0.1 = ? \times 20$$

(A)126.5

(B)126.6

(C)124.6

(D)125.4

(E)None of these



0:30

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

90 , 110 , 132 , 156 , 182 , ?

(A)207

(B)307

(C)309

(D)323

(E)210



0:30

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

132 , 156 , ? , 210 , 240

(A)196

(B)182

(C)178

(D)216

(E) None of these



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

23, 28, 38, 53, 73, ?

(A)98

(B)99

(C)95

(D)97

(E)96



0:30

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

7 , 127 , 187 , 217 , 232 , ?

(A)237.5

(B)239.5

(C)236

(D)240.5

(E)241



0:30

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

723 , 712 , 690 , 657 , 613 , ?

(A)556

(B)551

(C)552

(D)558

(E)None of these



0:30

Ram sold an item for Rs. 6450 and incurred a loss of 25% . At what price should he have sold the item to gain a profit of 25% ?

राम ने एक वस्तु को रु. 6450 और 25% की हानि हुई। 25% का लाभ प्राप्त करने के लिए उसे वस्तु को किस कीमत पर बेचना चाहिए था?

(A)Rs.11250

(B)Rs.10750

(C)Rs.10550

(D)Rs.10800

(E)None of these



In an exam , Ram obtained 248 marks which is 24 more than the passing marks. Rajesh got 80% marks which are 60 more than the passing marks . What is the minimum passing % , mark for the exam ?

एक परीक्षा में, राम ने 248 अंक प्राप्त किए जो उत्तीर्ण अंकों से 24 अधिक है। राजेश को 80% अंक मिले जो उत्तीर्ण अंकों से 60 अधिक है। परीक्षा के लिए न्यूनतम उत्तीर्ण%, अंक क्या है?

(A)68%

(B)60%

(C)63%

(D)55%

(E) 70%

 0:30

There are 1350 students in a school . The difference between the boys and girls in the school is 400. what is the percentage of boys in the school ?

एक स्कूल में 1350 विद्यार्थी हैं। स्कूल में लड़कों और लड़कियों के बीच का अंतर 400 है। स्कूल में लड़कों का प्रतिशत कितना है?


(A)65

(B)73

(C)77

(D)80

(E)70

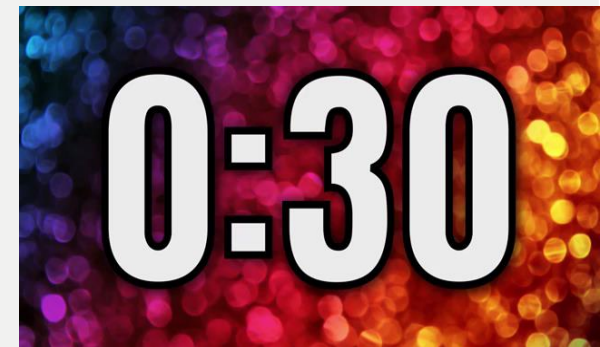


0:30

8 man can complete a piece of work in 24 days . In how many days will 10 men complete the same piece of work ?

8 आदमी एक काम को 24 दिनों में पूरा कर सकते हैं। 10 आदमी उसी काम को कितने दिनों में पूरा करेंगे ?

- A)18 (B)19 1/5 (C)18 1/5 (D)16 1/2 (E)None of these



What will be compound interest obtained on an amount of Rs. 41000 at the rate of 10% per annum after 3 years ?

रुपये की राशि पर प्राप्त चक्रवृद्धि ब्याज क्या होगा? 41000 3 साल बाद 10% प्रति वर्ष की दर से?

(A)Rs.14258

(B)Rs.13571

(C)Rs. 12392

(D)Rs.11295

(E)Rs.12295



0:30

There are 2800 students in a college out of which 24% got promoted in next class. How many students are failed ?

एक कॉलेज में 2800 छात्र हैं, जिसमें से 24% को अगली कक्षा में पदोन्नत किया गया। कितने छात्र अनुत्तीर्ण हुए ?

(A)2212

(B)2248

(C)2138

(D)2310

(E) 2028



0:30

A train moving at the speed of 54 km/hr crosses a 60 m long bridge in 14 seconds. What is the length of train ?

एक ट्रेन 54 किमी/घंटा की गति से चलती हुई 60 मीटर लंबे पुल को 14 सेकंड में पार करती है। ट्रेन की लंबाई कितनी है?

(A)120m

(B)150m

(C)130m

(D)140m

(E)110m



0:30

In a class the average age of 40 students is 16.2 years. The average age of 24 boys is 15 years .
What is the average age of girls in the class ?

एक कक्षा में 40 छात्रों की औसत आयु 16.2 वर्ष है। 24 लड़कों की औसत आयु 15 वर्ष है।
कक्षा में लड़कियों की औसत आयु क्यौ है?

(A)15 years

(B)12years

(C)16years

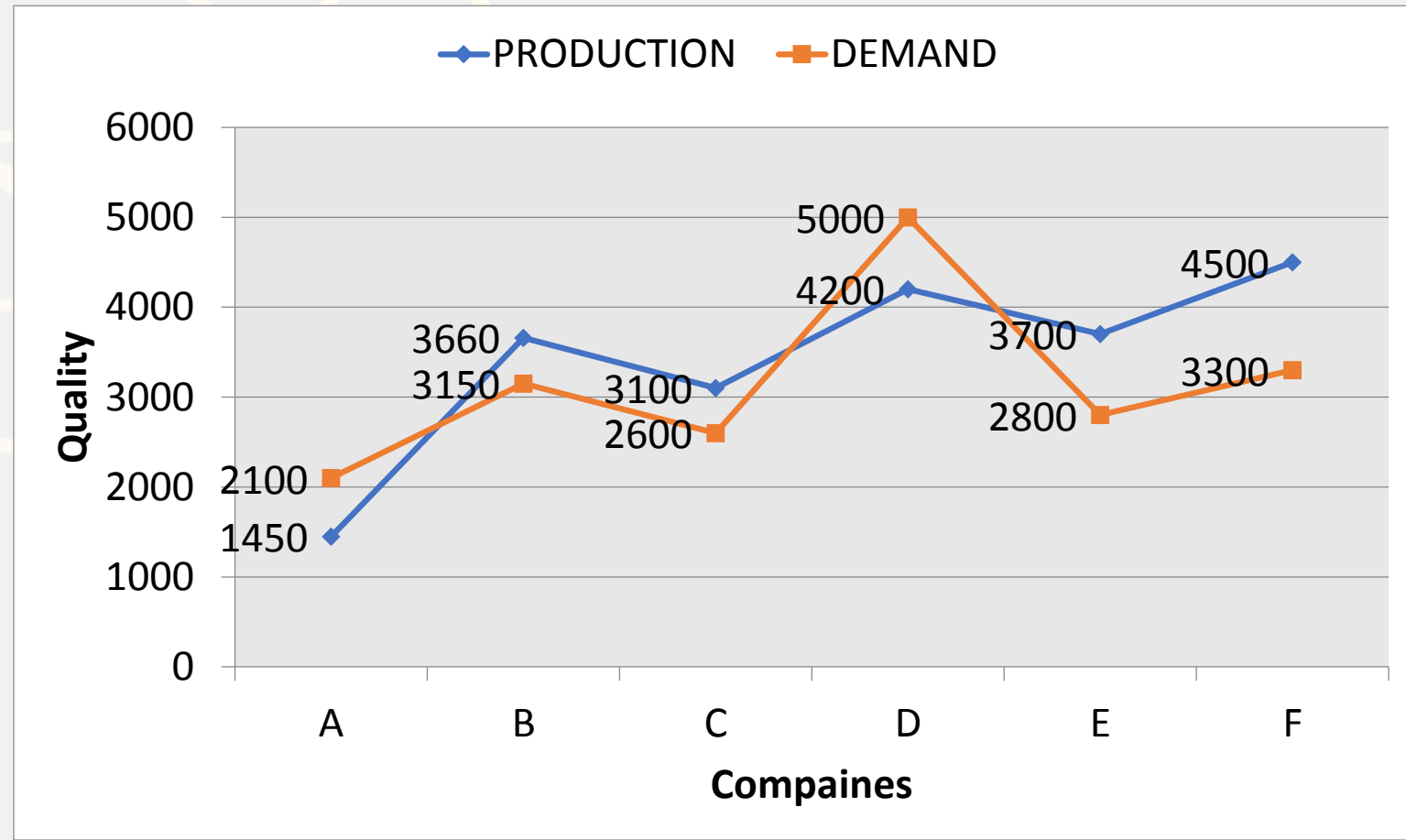
(D)14years

(E)18 years

 0:30

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

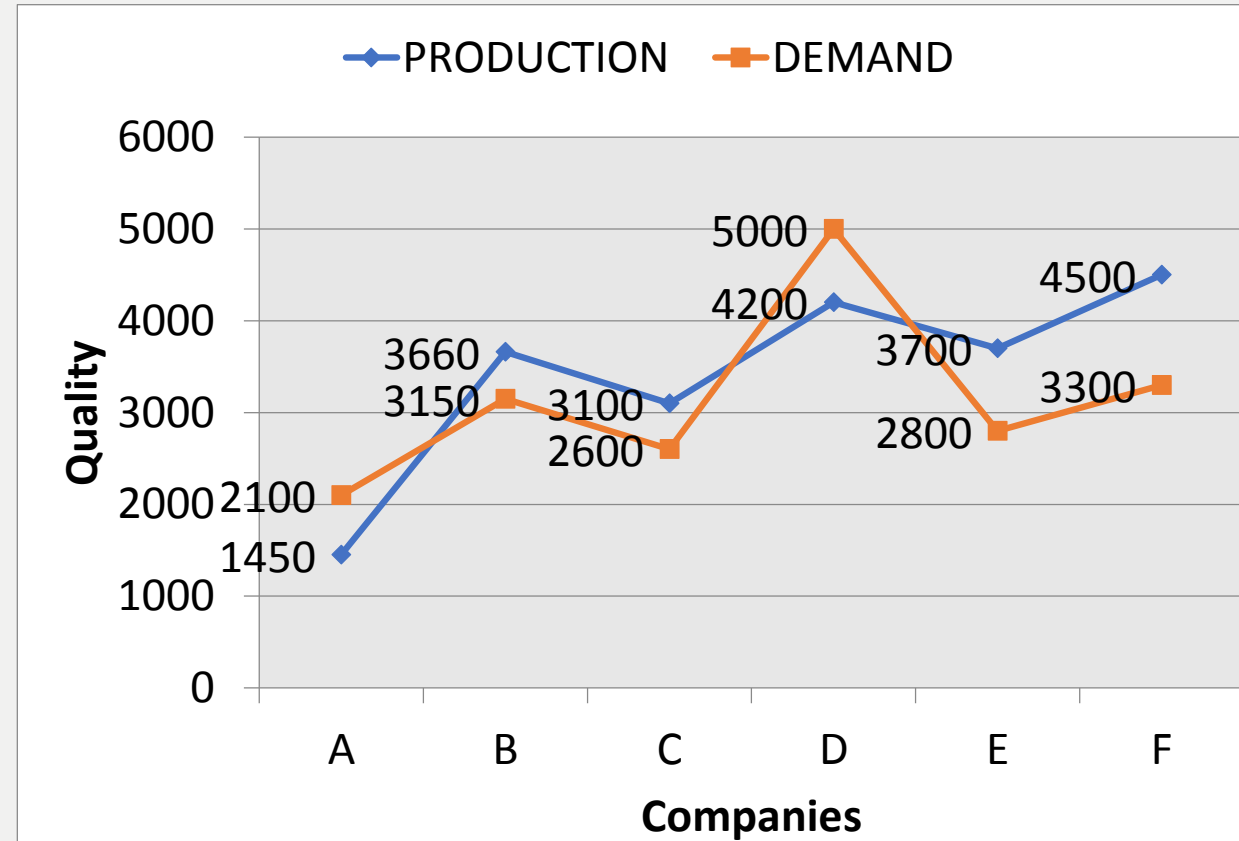
Demand and production of different companies (in lakh tones) पूछे गए प्रश्नों के उत्तर देने के लिए निम्नलिखित जानकारी को ध्यानपूर्वक पढ़ें - विभिन्न कंपनियों की मांग और उत्पादन (लाख टन में)



Q.26 :- What is the ratio of the companies having more demand than production to those having more production than demand ?

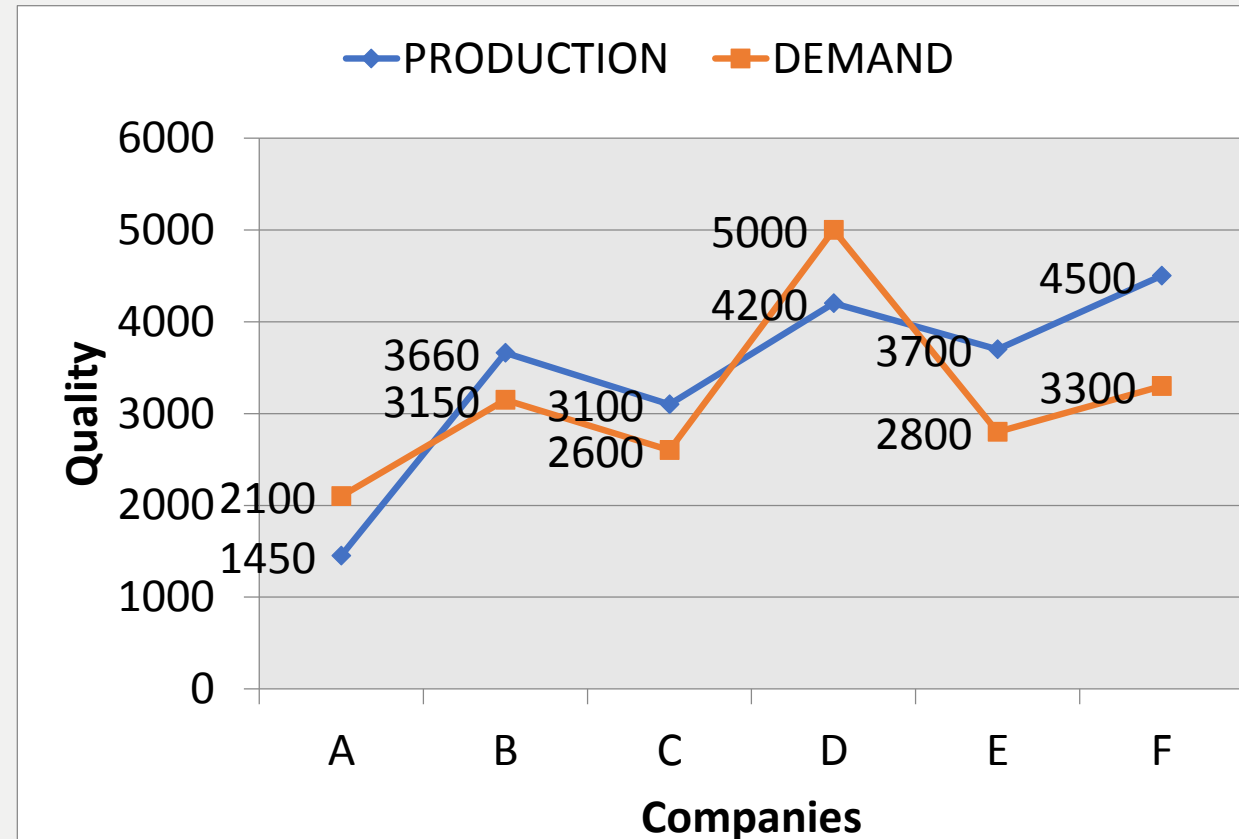
उत्पादन से अधिक मांग वाली कंपनियों का मांग से अधिक उत्पादन वाली कंपनियों से अनुपात कितना है?

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



Q.27 :- What is the different between the average demand and average production the company (in lakh tonnes)
कंपनी की औसत मांग और औसत उत्पादन के बीच क्या अंतर है (लाख टन में)

- (A) 200 (B) 250 (C) 275 (D) 300 (E) 325



Q.28 :- The demand of company B is what percentage of the production of company F?

कंपनी B की मांग कंपनी F के उत्पादन का कितना प्रतिशत है?

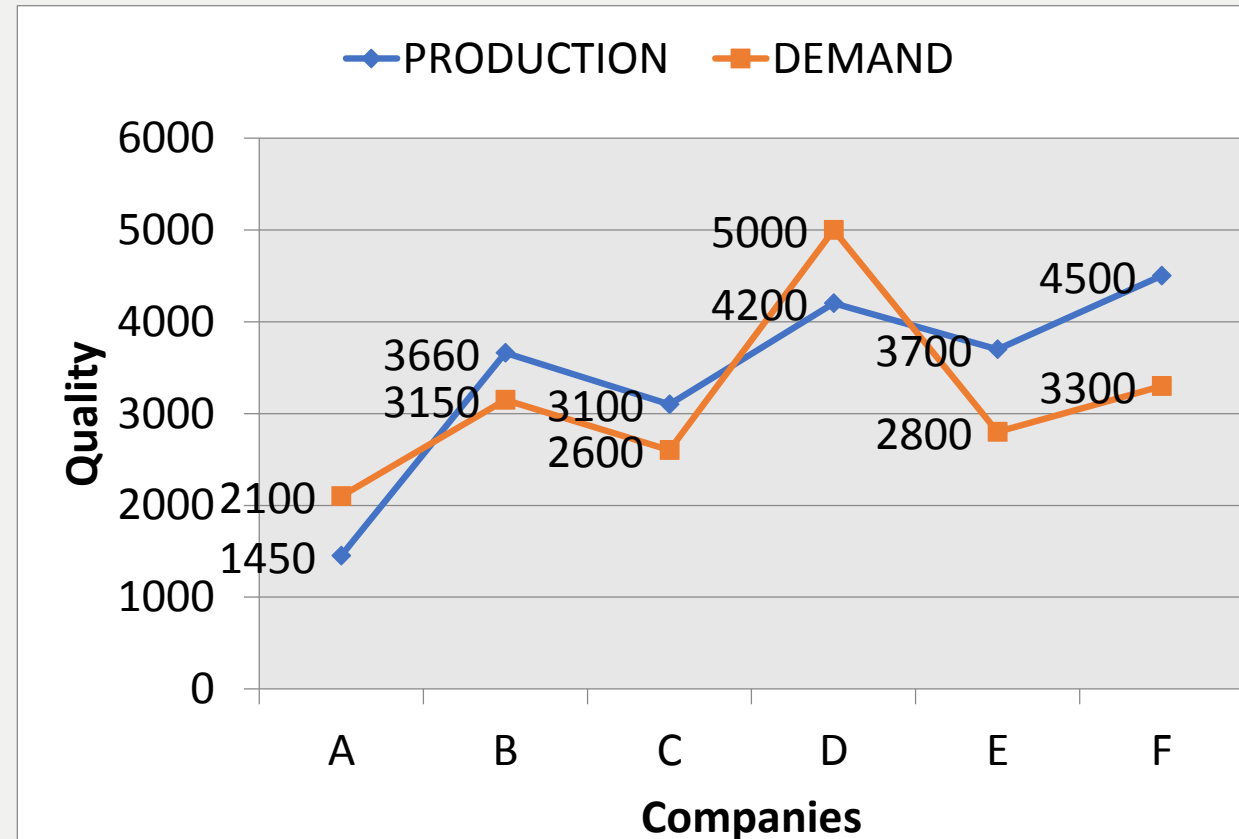
(A) 50%

(B) 70%

(C) 80%

(D) 60%

(E) None of these



0:30

Q.29 :- The production of company A is approximately what percent of the demand of company C ?

कंपनी A का उत्पादन कंपनी C की मांग का लगभग कितना प्रतिशत है?

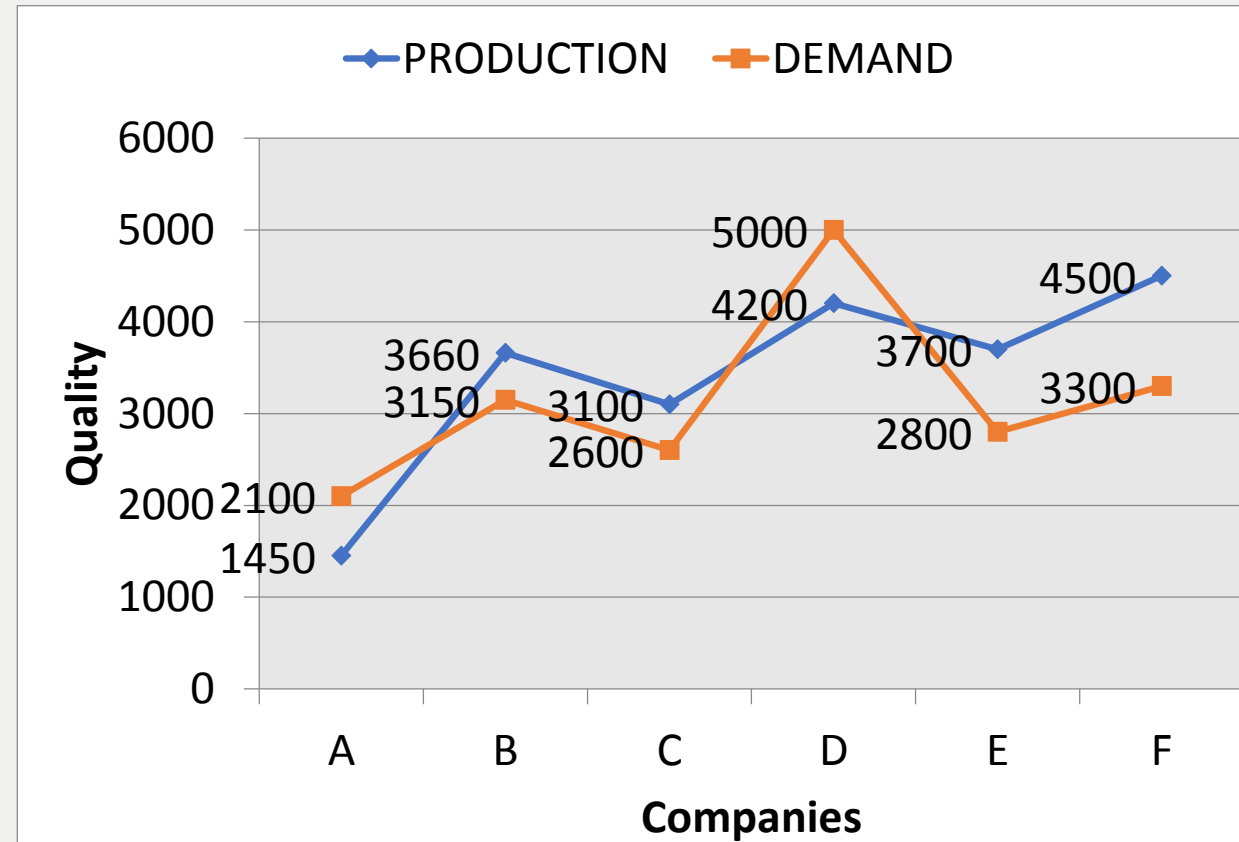
(A) 50%

(B) 55%

(C) 60%

(D) 65%

(E) 70%



0:30

Q.30 :- The production of companies C and D taken together is what percent of the total demand of A and E ?

कंपनियों C और D को मिलाकर उत्पादन, A और E की कुल मांग का कितना प्रतिशत है?

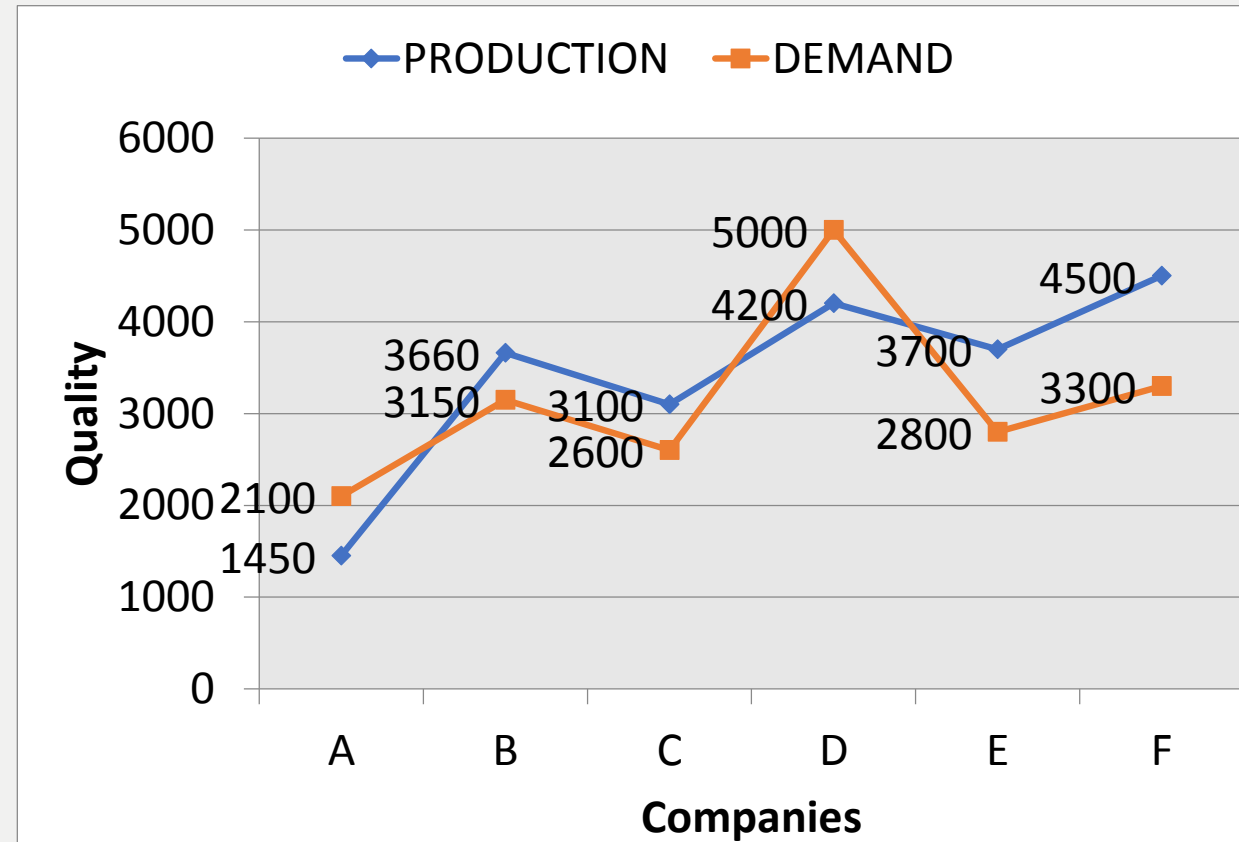
(A) 80%

(B) 100%

(C) 120%

(D) 150%

(E) 160%



0:30

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. $x^2 + x - 552 = 0$

II. $20y^2 - y - 12 = 0$

Q.32 :- I. $x^2 + 17x + 72 = 0$

II. $y^2 + 23y + 132 = 0$

Q.33 :- I. $2x^2 - 5x - 3 = 0$

II. $4y^2 + 14y + 10 = 0$

Q.34 :- I. $3x^2 - 17x + 20 = 0$

II. $5y^2 - 28y + 15 = 0$

Q.35 :- I. $12x^2 - 55x + 63 = 0$

II. $8y^2 - 22y + 15 = 0$

