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*Mahendra's*



HAPPY  
**MAHA**  
**SHIVRATRI**

May Lord Shiva shower his  
blessings on you

Class Time :- 9:00 AM



# RBI ASSISTANT 2021-22

**MATHS**

**35 / 35**

**TOP 30 MOST  
EXPECTED PAPERS**

**LIVE**

**PAPER-8 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.** 22 hours ago

Thank-you sir for this Amazing class of today's...👏👏  
And  
My Answers for today's homework are like-  
1. Option E- 12.65...

Read more

👍 1 🗨️ REPLY

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**Bhavika Goyal** 22 hours ago

Homework question :  
1st - option (e) 12.65  
2nd - option (e) 210  
Thank you so much sir 😊😊

👍 1 🗨️ REPLY

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**Sakshi Gaur** 22 hours ago

Homework answer is -1st option-e 12.65  
2nd option-e 210  
Thank you so much sir 👏👏

👍 1 🗨️ REPLY



**Khushboo Mandal** 22 hours ago

Homework answer:—  
1.12.65  
2.210  
Thank you sir

👍 2 🗨️ REPLY

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**Sarita** 15 hours ago (edited)

Homework answer  
Q.1) option A ( 126.50 )  
Q.2) option E ( 210 )  
Today nice session sir 👏👏😊 ...

Read more

👍 1 🗨️ REPLY

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**AAYUSH SRIVASTAVA** 22 hours ago

HOMEWORK QUESTIONS- Q1- (E):  
Q2- (E):

👍 1 🗨️ REPLY

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**ruma rajwar** 19 hours ago

Homework ans:1)option 5-none-ans-12.65  
2)210-option E

👍 1 🗨️ REPLY

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**Suman Paul** 22 hours ago

1) 12.65 (NOT)  
2) 210 (E)

👍 1 🗨️ REPLY

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**Saheli Sadhukhan** 22 hours ago

1. e 12.65  
2. e 210. Diff increasing by 2

👍 1 🗨️ REPLY

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**Nitika Gupta** 21 hours ago

Homework  
Option (e) none of these 12.65  
Option (e) 210



**Rahul Kumar Upadhyay** 17 hours ago

Today home work will be  
1 option no aaaaa 126.5  
2 option no Eeeeeeee  
Today nice session sir...

Read more

👍 1 🗨️ REPLY

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**Deepali Yadav** 22 hours ago

Home work ans 1) 12.65  
2) 210

👍 1 🗨️ REPLY

▼ [View reply from Mahendras :](#)



**Sonam Pundir** 13 hours ago

Hw. 1= E 12.60  
2. =E 210

👍 1 🗨️ REPLY

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A

**ANANDITA SINGH** 17 hours ago

1. ( e )

2. ( e )

👍 1 🗨️ REPLY

▼ [View reply from Mahend](#)

S

**shubhangi mishra** 14 hours ago

H w ans. 1 option e

Ans 2 option e

👍 1 🗨️ REPLY

▼ [View reply from Mahend](#)

P

**Prakash Dwivedi** 22 hours ago

Ans 12,65 and 210

👍 1 🗨️ REPLY

▼ [View reply from Mahend](#)



**punit pandey** 22 hours ago

Hw ka ans ....1 ka e

2 ka e=210

👍 1 🗨️ REPLY



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**



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**



**0:30**

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

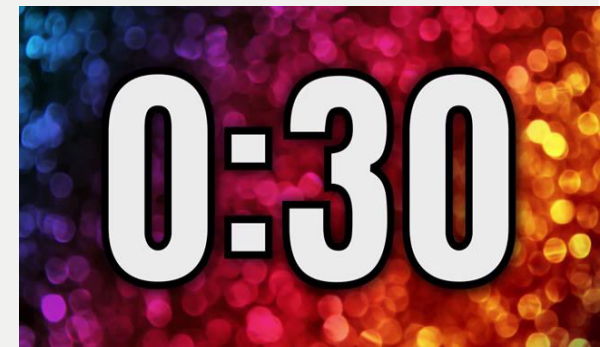


0:30

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 ?

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

(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

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

**Q.1:-**  $\sqrt{5625} + \sqrt{6084} - 29 = ?$

(A) 127

(B) 124

(C) 125

(D) 130

(E) None of these



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

**Q.2:-  $125\%$  of  $90 \times 24\%$  of  $900 = ?$**

**(A) 14800**

**(B) 21700**

**(C) 31200**

**(D) 27300**

**(E) None of these**



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

**Q.3:-**  $7834 + 564 - 1849 + 1731 \div 3 = ?$

(A) 6256

(B) 7084

(C) 7126

(D) 7245

(E) None of these





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

**Q.4:-**  $244 \div 4 \times 15 + \sqrt{3136} = ?$

**(A) 973**

**(B) 917**

**(C) 951**

**(D) 961**

**(E) None of these**



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

**Q.5:-**  $560 \div 8 \div 2 = 340 - ?$

- (A) 350      (B) 305      (C) 360      (D) 315      (E) None of these





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

**Q.6:-**  $616 \div 14 \times 6 - 8 = (?)^2$

- (A) 3      (B) 2      (C) 4      (D) 5      (E) None of these**



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

**Q.7:-**  $12^3 + 75\% \text{ of } 640 = ?$

**(A) 2208**

**(B) 2280**

**(C) 2288**

**(D) 2108**

**(E) None of these**



**0:30**

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

**Q.8:-**  $35\% \text{ of } 430 + ?\% \text{ of } 360 = 276.5$

- (A) 30      (B) 25      (C) 45      (D) 15      (E) None of these



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

**Q.9:-  $3.6 + 36.6 + 3.66 + 0.36 + 3.0 = ?$**

**(A) 44.22**

**(B) 77.22**

**(C) 74.22**

**(D) 47.22**

**(E) None of these**



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

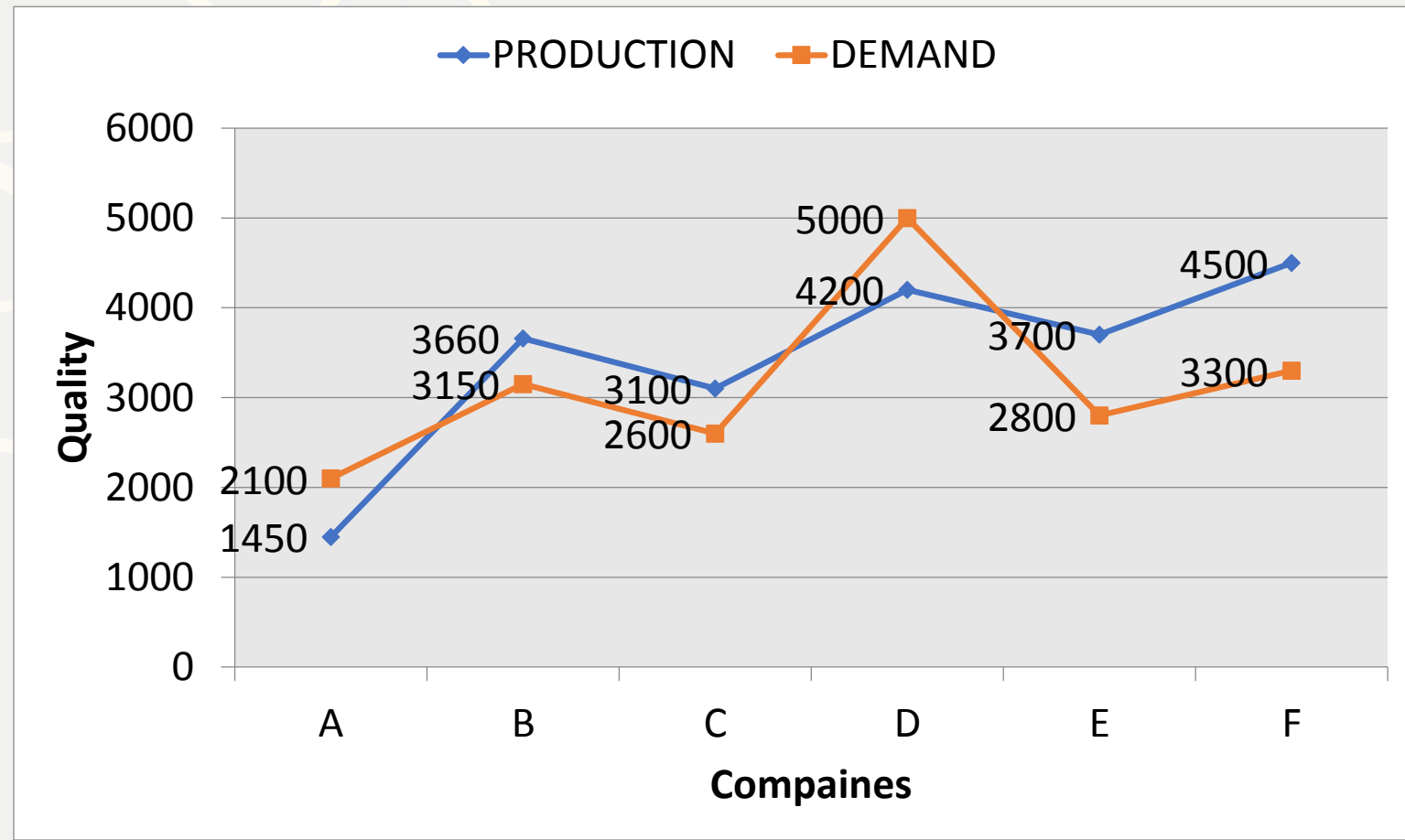
**Q.10:-**  $96 + 32 \times 5 - 31 = ?$

- (A) 223      (B) 225      (C) 229      (D) 221      (E) None of these



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

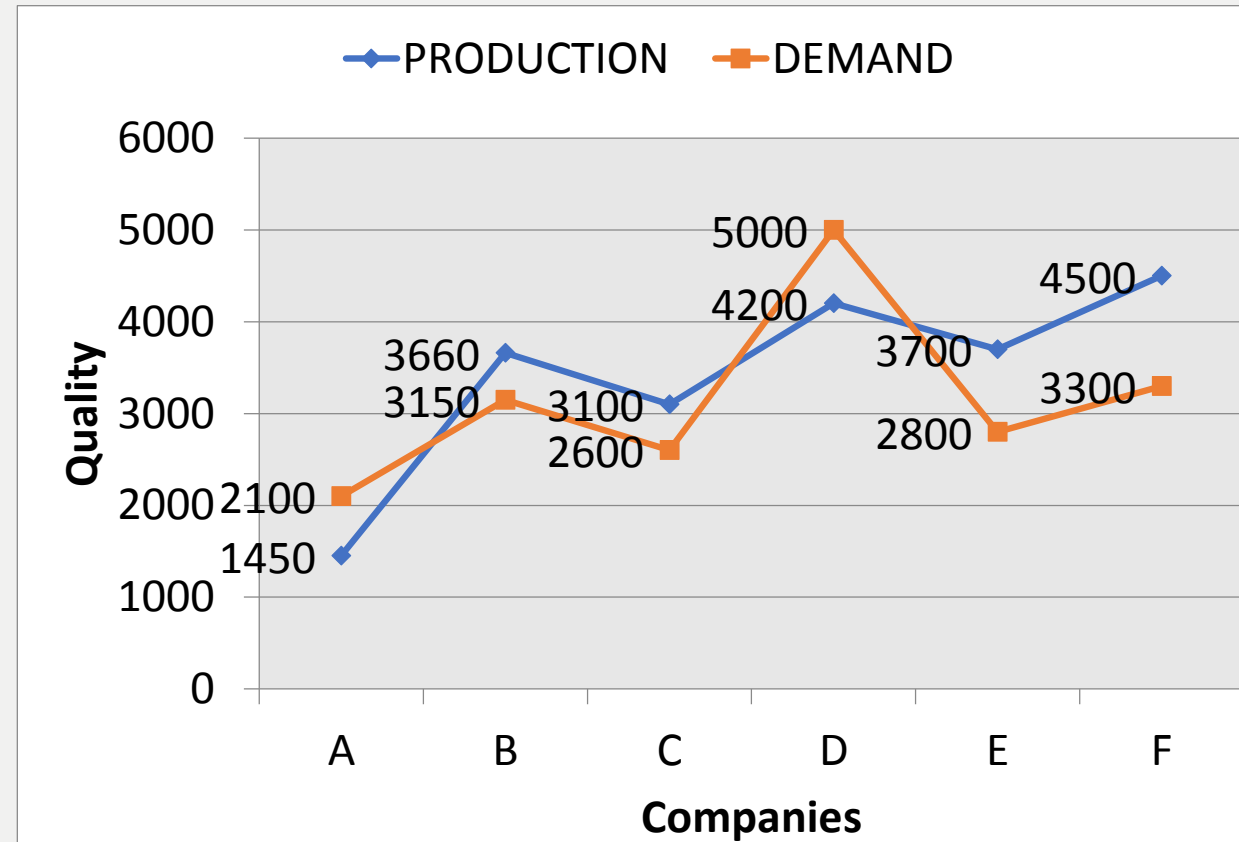
**Demand and production of different companies ( in lakh tones)** पूछे गए प्रश्नों के उत्तर देने के लिए निम्नलिखित जानकारी को ध्यानपूर्वक पढ़ें - विभिन्न कंपनियों की मांग और उत्पादन (लाख टन में)



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

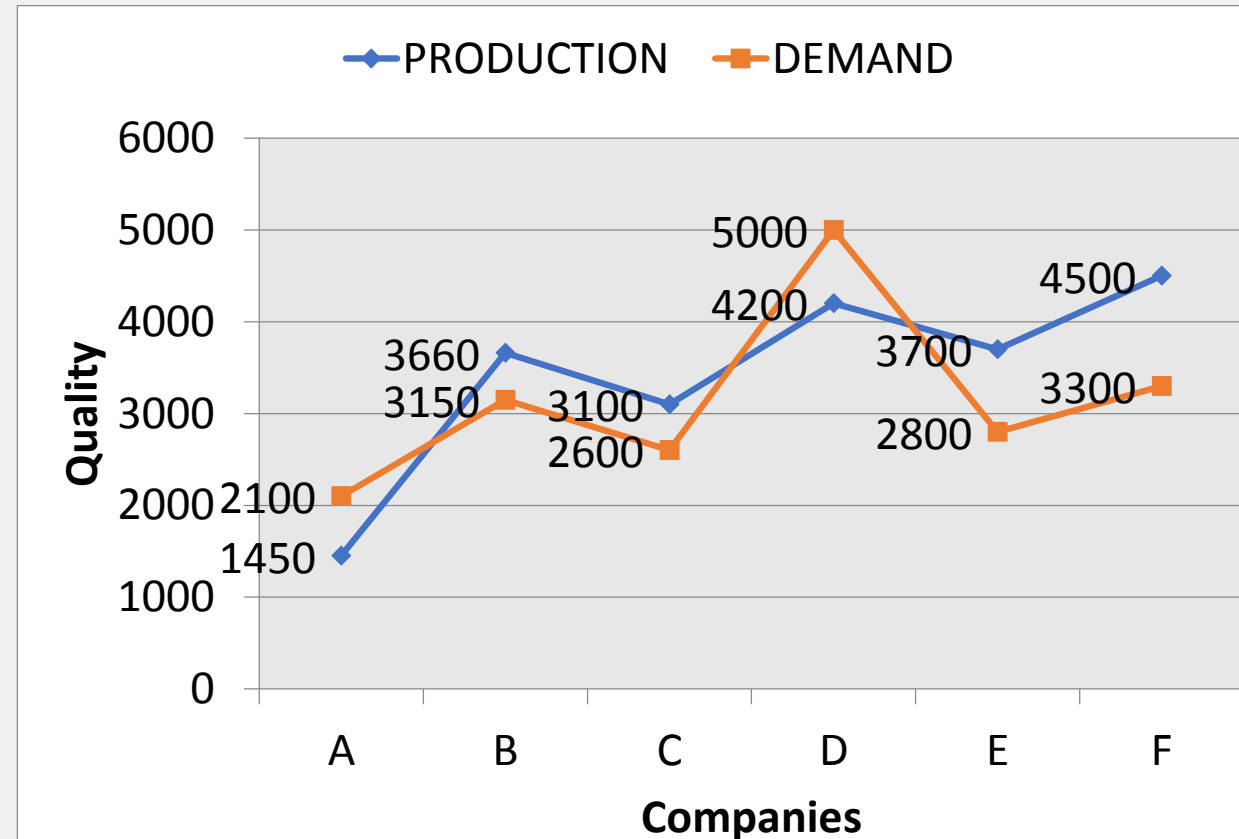
उत्पादन से अधिक मांग वाली कंपनियों का मांग से अधिक उत्पादन वाली कंपनियों से अनुपात कितना है?

- (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?

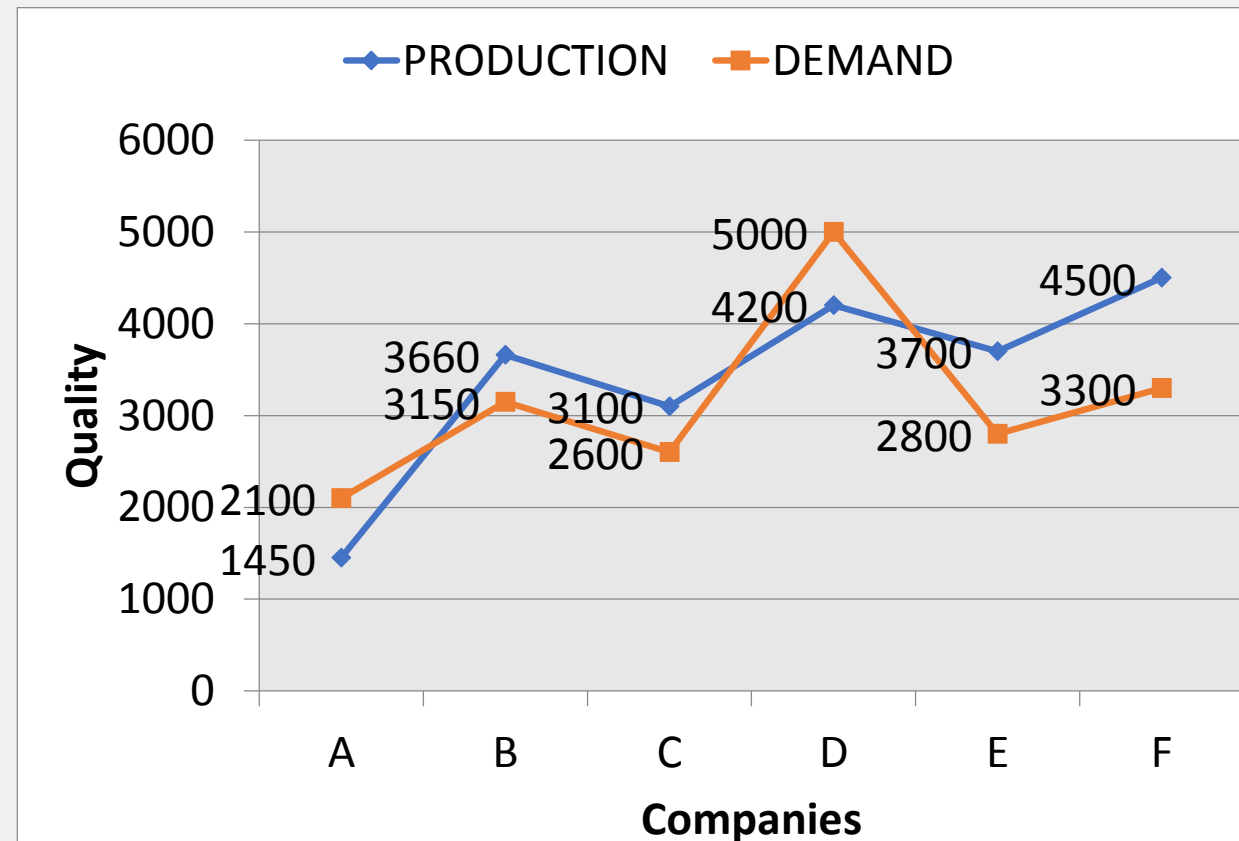
(A) 50%

(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?

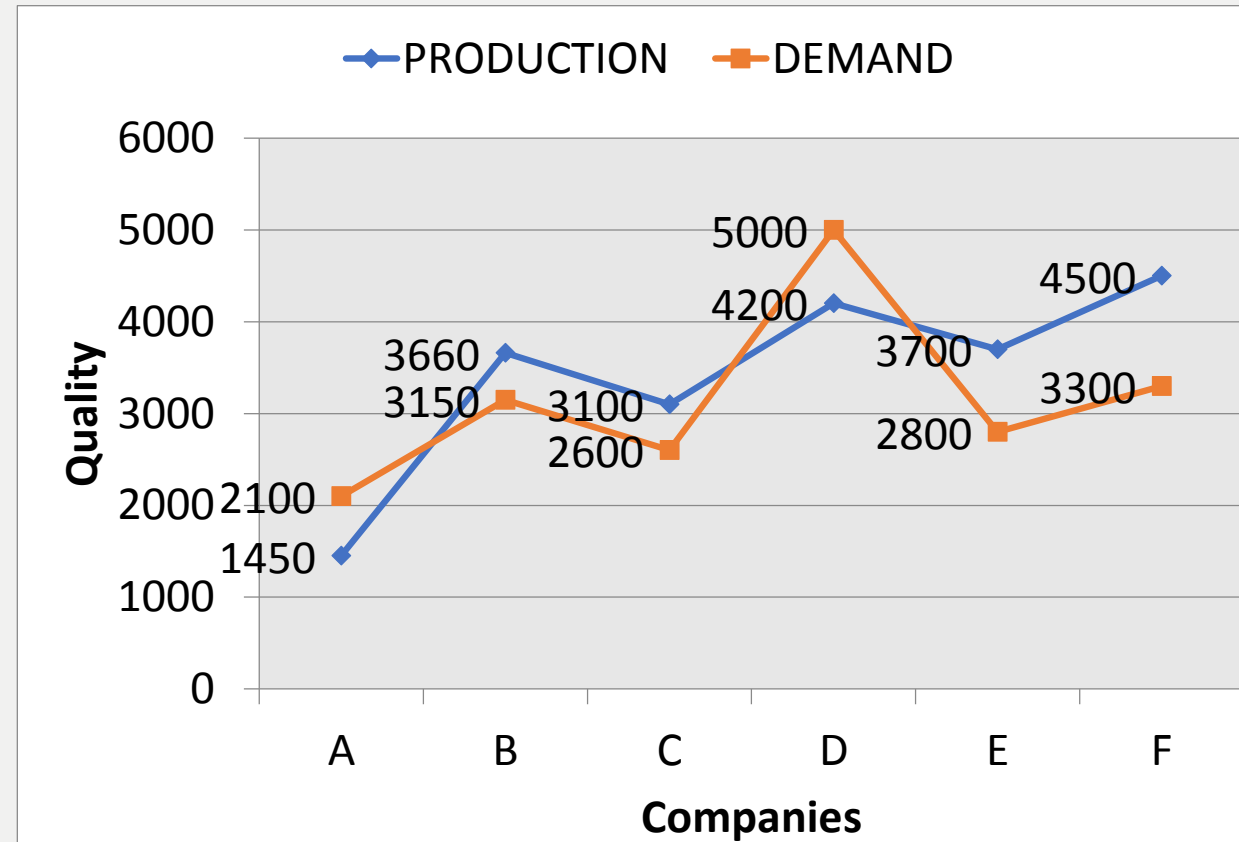
(A) 50%

(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?

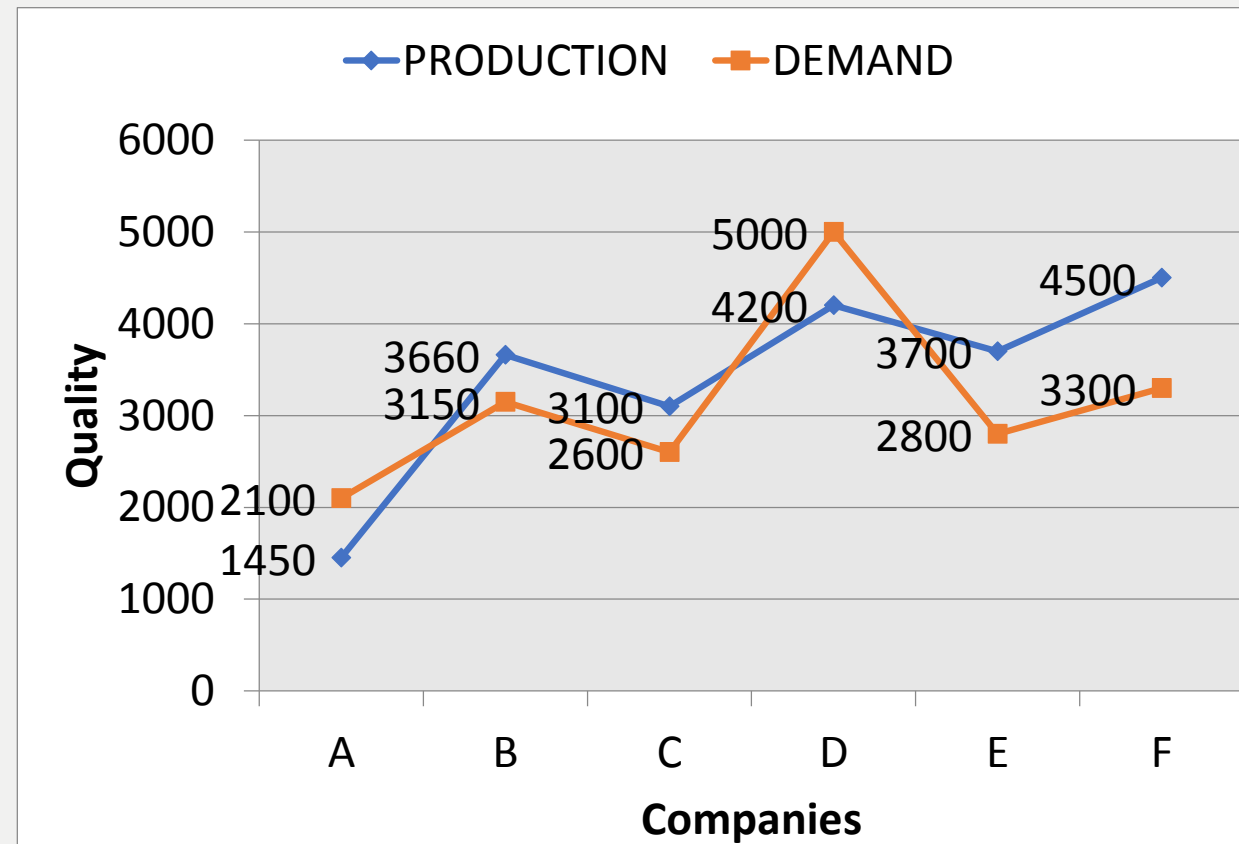
(A) 80%

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



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

**Q.11:-** 46 , 34 , 58 , 46 , ? , 58

- (A)70      (B)60      (C)2      (D)94      (E) None of these



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

**Q.12:-** 18, 19 , 21 , 30, 34 , ?

- (A)59      (B) 61      (C)37      (D)44      (E) None of these



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

**Q.13:-** 120 , 720 , 144, 576 , 192 , ?

(A) 192

(B) 384

(C) 96

(D) 146

(E) None of these







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

**Q.14:-** 7, 14 , 42, ?, 1470 , 16170

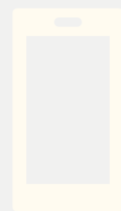
(A)210

(B)420

(C)168

(D)320

(E)None of these



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

**Q.15:-** 3, 8, 27 , 112 , 565 , ?

(A)3396

(B)3390

(C)3142

(D)3024

(E)None of these

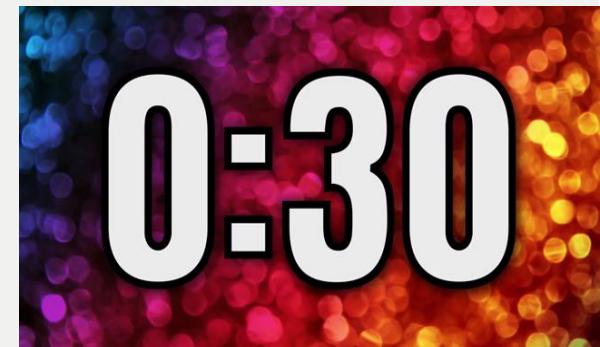


**0:30**

**Q.21:-**  $\frac{1}{3}$  of the syllabus of maths can be completed in 3 hours in 26 days than in how many days  $\frac{2}{3}$  of that syllabus can be completed in 4 hours a day ?

गणित का  $\frac{1}{3}$  पाठ्यक्रम 26 दिनों में 3 घंटे में पूरा किया जा सकता है, उस पाठ्यक्रम का  $\frac{2}{3}$  दिन में 4 घंटे में कितने दिनों में पूरा किया जा सकता है?

- (A)32      (B)40      (C)60      (D)39      (E) None of these



**Q.22:-** In a examination it is required to get 35% of maximum marks to pass. A student got 125 marks and declared failed by 85 marks . The maximum marks are –

एक परीक्षा में उत्तीर्ण होने के लिए अधिकतम 35% अंक प्राप्त करना आवश्यक है। एक छात्र ने 125 अंक प्राप्त किए और 85 अंकों से अनुत्तीर्ण घोषित किया गया। अधिकतम अंक हैं -

(A)550

(B)600

(C)650

(D)500

(E) None of these



**Q.23 :-** The average of 9 things is 96. First five things average is 79 and next three things average is 92. Then find the value of 9<sup>th</sup> thing ?

9 चीजों का औसत 96 है। पहली पांच चीजों का औसत 79 है और अगले तीन चीजों का औसत 92 है। फिर 9वीं चीज का मूल्य ज्ञात करें?

(A)183

(B)193

(C)163

(D)143

(E) 123



**Q.24 :-** In how many different ways can the letters of the word 'LEADING' be arranged in such a way that the vowels always come together ?

शब्द 'LEADING' के अक्षरों को कितने अलग-अलग तरीकों से व्यवस्थित किया जा सकता है कि स्वर हमेशा एक साथ आते हैं?

(A) 360

(B) 480

(C) 720

(D) 5040

(E) None of these



0:30

**Q.25 :-** A train 140 m long is running at 60 km/h . In how much time will it pass a platform 260m long ?

140 मीटर लंबी एक ट्रेन 60 किमी/घंटा की गति से चल रही है। यह 260 मीटर लंबे प्लेटफॉर्म को कितने समय में पार करेगी?

(A) 24sec

(B) 12sec

(C) 18sec

(D) 14 sec

(E) Cannot be determined

