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# IBPS CLERK/PO 2021

**LIVE**



**MATHS**

**9:00 AM**

**LIVE  
MOCK  
DISCUSSION**

# SBI Apprentice 2021

General/Financial Awareness | English | Quant | Reasoning & Computer

LIVE

महा



मैराथन

12 सितंबर

10 घंटे लगातार

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



ajit singh 21 hours ago

Home work  
1360.8

Thank you sir for these classes it helps me a lot

👍 🗨️ REPLY

View reply from Mahendras : Online Video



Mohit Bhagat 21 hours ago

Thank-you Sir for today's Amazing class...  
And  
My answer for today's Homework is-  
Option C- 1360.8..

Read more

👍 🗨️ REPLY

View reply from Mahendras : Online Video



Simpall Kumari 9 hours ago

Today's Homework Ans...  
Option (C) 1360.8

Vry nice session sr

Thank u so much sr

👍 🗨️ REPLY



SARITA RAWAT 19 hours ago

Homework answer  
Option (C) 1360.8

Today very awesome session sir

Thanku so much sir

👍 🗨️ REPLY

View reply from Mahendras :



Palak Shukla 20 hours ago

Homework answer----  
1360.8

Option C

Thankyou sir

👍 1 🗨️ REPLY

View reply from Mahendras :



Aheli Chatterjee 21 hours ago

Homework ans  
C - 1360.8

Thank you Sir.

👍 🗨️ REPLY

View reply from Mahendras :



Rim 21 hours ago

hw option c 1360.8 is answer. Thank you s

👍 🗨️ REPLY

View reply from Mahendras : Online



Dron patodia 13 hours ago

1360.8

👍 🗨️ REPLY

View reply from Mahendras : Online



diptorag sarkar 21 hours ago

1360.8

👍 🗨️ REPLY

View reply from Mahendras : Online



Sandipan Das 21 hours ago

1360.8

👍 🗨️ REPLY

View reply from Mahendras : Online



Rityaj Seth 21 hours ago

1360.8

👍 🗨️ REPLY

View reply from Mahendras : Online



Subhadeep Sarkar 18 hours ago

C. 1360.8

👍 🗨️ REPLY

View reply from Mahendras : Online



chitta 21 hours ago

Option c hoga

👍 🗨️ REPLY

View reply from Mahendras : Online



Jayashree Paul 20 hours ago

(C) 1360.8

👍 🗨️ REPLY

View reply from Mahendras : Online

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

**HW**  $123 \times 12 - 144\% \text{ of } 80 = ?$

(A)1360.2

(B)1358.6

(C )1360.8

(D)1356.5

(E)None of these



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

$$\sqrt[3]{157464} \div \sqrt{324} = ?$$

(A)27

(B)15

(C)29

(D)8

(E)None of these

0:30

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

$$480 / ? = 12 \times 4 - 2^3$$

- (A) 16      (B) 19      (C) 12      (D) 8      (E) None of these

 0:30



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

$$22^2 + 6^3 = ? + 337$$

(A) 363

(B) 330

(C) 324

(D) 343

(E) None of these



0:30

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

$$14 \times 24 - ? \times 5 = 23 \times 7$$

- (A) 35      (B) 45      (C) 55      (D) 85      (E) None of these



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

$$220 \div 5 \times 12 + 320 = ? + 412$$

- (A) 480      (B) 476      (C) 436      (D) 466      (E) None of these



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

$$390 + 345 + 249 - 824 + 324 = ?$$

- (A)574      (B)584      (C)484      (D)474      (E)None of these



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

$$13^3 + 1640 \div 8 - 12^2 = ?$$

(A) 2158

(B) 2258

(C) 2318

(D) 2058

(E) None of these



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

$$2460 \div 3 \div 4 + 135 = ?$$

(A)340

(B)360

(C)440

(D) 460

(E)None of these



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

$$32 \times 38 + 24^2 - 552 \div 3 = ?$$

(A)1610

(B)1708

(C)1710

(D)1608

(E)None of these



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

1. 27, 50, 192, 1140, 9104, ?

(A) 90400

(B) 91020

(C) 92040

(D) 94060

(E) 96080

0:30



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

2, 4, 7, 13, 23, 38, 59, ?

- (A) 72      (B) 80      (C) 87      (D) 95      (E) None of these

 0:30

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

3. 2 , 12 , 36 , 80 , ? , 252 , 392

- (A)80      (B)100      (C)120      (D)150      (E)None of these



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

4. 6, 11, 32, 111, 464, ?

(A) 2345

(B) 2475

(C) 2525

(D) 3050

(E) 2640

 0:30

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

5, 2, 6, 33, 49, 174, 210, ?

(A) 275

(B) 387

(C) 464

(D) 553

(E) 495

 0:30

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

Following table shows the number of items (in thousands) produced by four different companies (P, Q, R and S) and the ratio of sold (S) to unsold (US) items among them.

निम्नलिखित तालिका चार अलग-अलग कंपनियों (P, Q, R और S) द्वारा उत्पादित वस्तुओं की संख्या (हजारों में) दिखाती है और उनमें से बेची गई (S) से बेची गई (US) वस्तुओं का अनुपात है।

Company	P		Q		R		S	
Year	Total	S:US	Total	S:US	Total	S:US	Total	S:US
2010	450	2:3	640	5:3	420	4:3	500	3:2
2011	540	5:4	705	3:2	495	4:6	527	8:9
2012	140	2:3	770	5:6	510	9:8	564	1:1
2013	250	3:7	864	5:3	540	1:2	510	2:1
2014	850	8:9	1020	8:9	660	6:5	605	2:3
2015	480	5:3	819	5:4	668	5:3	620	3:2

**Q.26 :-** The number of items sold by Company S in the year 2012 is what percentage of the number of items which remain unsold by Company S in the year 2010?

वर्ष 2012 में कंपनी S द्वारा बेची गई वस्तुओं की संख्या, वर्ष 2010 में कंपनी S द्वारा बिना बिके रह गई वस्तुओं की संख्या का कितना प्रतिशत है?

(A) 158%

(B) 187%

(C) 122%

(D) 124%

(E) 141%



Company	P		Q		R		S	
	Year	Total	S:US	Total	S:US	Total	S:US	Total
2010	450	2:3	640	5:3	420	4:3	500	3:2
2011	540	5:4	705	3:2	495	4:6	527	8:9
2012	140	2:3	770	5:6	510	9:8	564	1:1
2013	250	3:7	864	5:3	540	1:2	510	2:1
2014	850	8:9	1020	8:9	660	6:5	605	2:3
2015	480	5:3	819	5:4	668	5:3	620	3:2

**Q.27 :-** What is the approximate average number of items produced by Company S in all six years (in thousands)?

सभी छः वर्षों (हजारों में) में कंपनी S द्वारा उत्पादित वस्तुओं की अनुमानित औसत संख्या कितनी है?

(A)545

(B)554

(C)567

(D)575

(E)590

0:30

Company	P		Q		R		S	
	Total	S:US	Total	S:US	Total	S:US	Total	S:US
2010	450	2:3	640	5:3	420	4:3	500	3:2
2011	540	5:4	705	3:2	495	4:6	527	8:9
2012	140	2:3	770	5:6	510	9:8	564	1:1
2013	250	3:7	864	5:3	540	1:2	510	2:1
2014	850	8:9	1020	8:9	660	6:5	605	2:3
2015	480	5:3	819	5:4	668	5:3	620	3:2

**Q.28:-** What is the difference between the total items sold and the total items that remain unsold by Company S in all six years together?

सभी छह वर्षों में एक साथ बेची गई कुल वस्तुओं और कंपनी S द्वारा बिना बिकी हुई कुल वस्तुओं के बीच का अंतर कितना है?

(A)242000

(B)256000

(C)263000

(D)275000

(E)None of these

0:30

Company	P		Q		R		S	
	Total	S:US	Total	S:US	Total	S:US	Total	S:US
2010	450	2:3	640	5:3	420	4:3	500	3:2
2011	540	5:4	705	3:2	495	4:6	527	8:9
2012	140	2:3	770	5:6	510	9:8	564	1:1
2013	250	3:7	864	5:3	540	1:2	510	2:1
2014	850	8:9	1020	8:9	660	6:5	605	2:3
2015	480	5:3	819	5:4	668	5:3	620	3:2



**Q.29 :-** The number of items which remain unsold by Company R in 2014 is approximately what percentage more or less than the number of items which are sold by Company Q in the year 2015?

2014 में कंपनी R द्वारा बेची गई वस्तुओं की संख्या, वर्ष 2015 में कंपनी Q द्वारा बेची गई वस्तुओं की संख्या से लगभग कितने प्रतिशत अधिक या कम है?

(A) 26%

(B) 24%

(C) 38%

(D) 34%

(E) 48%

Company	P		Q		R		S	
	Year	Total	S:US	Total	S:US	Total	S:US	Total
2010	450	2:3	640	5:3	420	4:3	500	3:2
2011	540	5:4	705	3:2	495	4:6	527	8:9
2012	140	2:3	770	5:6	510	9:8	564	1:1
2013	250	3:7	864	5:3	540	1:2	510	2:1
2014	850	8:9	1020	8:9	660	6:5	605	2:3
2015	480	5:3	819	5:4	668	5:3	620	3:2

0:30

**Q.30 :-** What is the number of items sold by Company P in all six years together? (in thousands)

कंपनी P द्वारा सभी छह वर्षों में बेची गई वस्तुओं की संख्या कितनी है? (हजारों की संख्या में)

(A)1684

(B)1716

(C)1432

(D)1311

(E)None of these

Company	P		Q		R		S	
	Total	S:US	Total	S:US	Total	S:US	Total	S:US
2010	450	2:3	640	5:3	420	4:3	500	3:2
2011	540	5:4	705	3:2	495	4:6	527	8:9
2012	140	2:3	770	5:6	510	9:8	564	1:1
2013	250	3:7	864	5:3	540	1:2	510	2:1
2014	850	8:9	1020	8:9	660	6:5	605	2:3
2015	480	5:3	819	5:4	668	5:3	620	3:2

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.21 :-** I.  $x^2 + 9x + 20 = 0$

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

**Q.22 :-** I.  $x^2 + 91 = 20x$

II.  $10y^2 - 29y + 21 = 0$

**Q.23 :-** I.  $x^3 - 8 = 0$

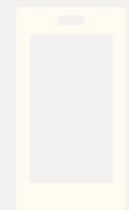
II.  $y^3 + 8 = 0$

**Q.24 :-** I.  $x^2 - 14x + 48 = 0$

II.  $y^2 + 6 = 5y$

**Q.25 :-** I.  $6x^2 + 13x + 5 = 0$

II.  $9y^2 + 22y + 8 = 0$



**23 . of the four numbers, whose average is 60, the first is one-fourth of the sum of the last three. The second number is one-third of the sum of other three, and the third is half of the other three. Find the fourth number.**

**चार संख्याओं का औसत 60 है। पहली संख्या अंतिम तीन संख्याओं के योग का एक चौथाई है। दूसरी संख्या अन्य तीन संख्याओं के योग का एक तिहाई है। तथा तीसरी संख्या अन्य तीन के योग का आधा है। चौथी संख्या ज्ञात करो?**

- (A)52      (B)48      (C)80      (D)60      (E)None of these



**24.** The salaries of X, Y, Z are in the ratio 2: 3: 5. If increment of 25%, 20% and 30% are allowed respectively in their salaries, then what will be the new ratio of their salaries?

X, Y तथा Z की आय का अनुपात 2: 3: 5 है। यदि उनकी आय क्रमशः 25%, 20% तथा 30% से बढ़ा दी जाए तो अब उनकी आय का अनुपात क्या होगा?

(A) 25:36: 65

(B) 20: 16: 65

(C) 25 : 26: 35

(D) 25: 16 :55

(E) None of these



6 . Ratio of age of father, mother and son is 9:8:3. Five years hence sum of their age will be 95 years. Find the age of son 5 years ago. **पिता, मां और पुत्र की आयु का अनुपात 9: 8: 3 है पांच वर्ष पश्चात उनकी आयु का योग 95 वर्ष होगा। 5 वर्ष पहले पुत्र की आयु ज्ञात कीजिये।**

- (A) 12                      (B)7                      (C)10                      (D)15                      (E)None of these



7. A committee of 5 members is to be formed out of 4 Lawyers, 3 Engineers and 2 Doctors. In how many ways a committee of 2 Lawyers, 2 Engineers and 1 Doctor can be formed ? 4 वकील, 3 इंजीनियर और 2 डॉक्टर में से 5 सदस्यों की एक समिति बनानी है । 2 वकील, 2 इंजीनियर और 1 डॉक्टर की समिति कितने तरीकों से बनाई जा सकती है ?

- (A)25      (B)64      (C)9      (D)36      (E)None of these





8 . What will be compound interest on an amount of Rs.8400 at the rate of 13.5 p.c.p.a after 2 years?

रू.8400 की राशि पर 13.5 प्र.श.प्र.व. की दर से 2 वर्ष के अंत में उपचित चक्रवृद्धि ब्याज क्या होगा?

(A) 2256.18

(B)2019.38

(C)2421.09

(D) 2421.09

(E)2615.08

0:30

9. In an examination, Sweta scored 25 marks less than Shagun. Shagun scored 45 more marks than Anushika. Aastha scored 75 marks which is 10 more than Anushika. Neha's score is 50 less than, max marks of the test. What approximate percentage of marks did Neha score in the examination, if she gets 34 marks more than Sweta?

एक परीक्षा में, श्वेता, शगुन से 25 अंक कम प्राप्त करती है। शगुन, अनुशिका से 45 अंक अधिक प्राप्त करती है। आस्था 75 अंक प्राप्त करती है जोकि अनुशिका से 10 अधिक है। नेहा का स्कोर टेस्ट के अधिकतम अंकों से 50 कम है। परीक्षा में नेहा ने लगभग कितने प्रतिशत अंक प्राप्त किये यदि वह श्वेता से 34 अंक अधिक प्राप्त करती है?

(A)90

(B)70

(C)80

(D)60

(E)85

0:30

10 . A man sold a book at a profit of 10%. if he had charged Rs.45 more, his profit percentage would have been 25%. Find the value of x if the average of C.P, 52 and x is 172.

एक आदमी एक किताब को 10% के लाभ पर बेचता है, यदि वह 45 रु. अधिक चार्ज करता तो उसका लाभ प्रतिशत 25% हो जाता | x का मान ज्ञात कीजिये यदि क्रय मूल्य, 52 और x का औसत 172 है।

(A)162

(B)160

(C)172

(D)164

(E)None of these



**22. Cost price of two laptops is same. One is sold at a profit of 15% and the other for Rs. 5200 more than the first. If the net profit is 20% then find the cost price of each laptop?**  
**दो लैपटॉप का क्रयमूल्य समान है। जिनमें से एक को 15% की लाभ पर और दूसरे को पहले से 5200 ज्यादा में बेचा जाता है। यदि उसका कुल लाभ 20% हो तब लैपटॉप का क्रय मूल्य ज्ञात करो ?**

(A)52000

(B)54000

(C)36000

(D)42500

(E)CND



**THANKS**

