





Mahendra's

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12th - 15th Oct 2021



Mahendra's

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Use code:

PUJA80

*except branch admission

Class Time :- 9:00 AM



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IBPS CLERK/PO 2021

LIVE



MATHS

9:00 AM



**LIVE
MOCK
DISCUSSION**



UPCOMING ONLINE BATCHES

October 2021

06 Oct 2021

08:00 AM to 10:00 AM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

01:00 PM to 03:00 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

10:30 AM to 12:30 PM

LIVE CLASS NIELIT CARD
(CCC)

BILINGUAL

13 Oct 2021

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

05:30 PM to 07:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

20 Oct 2021

03:00 PM to 05:00 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

08:00 AM to 10:00 AM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

01:00 PM to 03:00 PM

LIVE CLASS CTET CARD
(CTET)

BILINGUAL

27 Oct 2021

08:00 AM to 10:00 AM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

10:30 AM to 12:30 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL





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S

Simpal Kumari 11 hours ago

Homework ans:-

Option (B), 2.25

Amezing session sr, TQ so much sr 🙏

👍 1 🗨️ REPLY

▼ View reply from Mahendras : Or



Palak Shukla 20 hours ago

Homework answer——

2.25

Thankyou sir 🙏🥰

👍 2 🗨️ REPLY

▼ View reply from Mahendras : Or



Manshi Vasita 15 hours ago

Option(B) 2.25

Thank you so much sir 🙏🙏

👍 1 🗨️ REPLY

▼ View reply from Mahendras : Or



Math By RLP 19 hours ago

Sir ,one more request

Sir , please give my this

👍 1 🗨️ REPLY

▼ View reply from Ma



Sarita 22 hours ago

Homework answer

Option (B) 2.25

Today very nice session

Thanku so much sir 🙏

👍 1 🗨️ REPLY

▼ View reply from Ma



Aheli Chatterjee 21 hours

Homework ans-

2.25

Thank you so much Sir

👍 1 🗨️ REPLY

▼ View reply from Ma



Archana Pal 17 hours ago

Home work answer

Divide by 4 add 5,4,3 ,1

Option B(2.25)

Today very nice session ...

Read more

👍 1 🗨️ REPLY

▼ View 2 replies from Mahe



Rityaj Seth 22 hours ago

HOMEWORK ANSWERS 2.25

👍 1 🗨️ REPLY

▼ View reply from Mahendr



jagruti herambha 9 hours ago

Homework ans :

Op B 2.25

👍 1 🗨️ REPLY

▼ View reply from Mahendr



Neha Singh 21 hours ago

Good morning 🙏

👍 1 🗨️ REPLY

▼ View reply from Mahendras : Online



Ropna Kerketta 20 hours ago

Mera live chat onn kyu nahi ho raha hai

👍 1 🗨️ REPLY

▼ View reply from Mahendras : Online



Nisha Wadhwa 14 hours ago

H.W ans

2.25

👍 1 🗨️ REPLY

▼ View reply from Mahendras : Online



Anu Shree 20 hours ago

2.25

👍 1 🗨️ REPLY

▼ View reply from Mahendras : Online



Ropna Kerketta 20 hours ago

Hlw

👍 1 🗨️ REPLY

▼ View reply from Mahendras :



Sakshi Jha 21 hours ago

Hw ans 2.25

👍 1 🗨️ REPLY

▼ View reply from Mahendras :



Devaki Devi 22 hours ago

Ans b

👍 1 🗨️ REPLY

▼ View reply from Mahendras :

Class Time :- 9:00 AM



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

1 . 18 , 35 , 68 , 132 , 256 , ?

(A)512

(B)504

(C)256

(D) 399

(E)496





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

2 . 492 , 128 , 36 , 12 , 5 , ?

(A) 2.5

(B) 2.25

(C) 1.25

(D) 3.75

(E) 4

0:30



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

3 . 5921 , 6025 , 6150 , 6298 , 6471 , ?

(A)6671

(B)6590

(C)6675

(D)6699

(E)6681





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

4 . 1.2 , 4.4 . , 16.2 , 68.8 , 349 , ?

(A)800

(B)1500

(C)2000

(D)2100

(E)1600





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

5 . 22 , 35 , 74 , 139 , 230 , ?

(A)350

(B)347

(C)405

(D)380

(E) 396



Directions (Q. 16-20):- Read the following information carefully to answer the questions asked Following table gives information total bikes and cars manufactured and exported to other countries from year 2014 to 2018 in India.
 निम्नलिखित जानकारी को ध्यान से पढ़ें पूछे गए प्रश्नों के उत्तर दें निम्नलिखित तालिका भारत में वर्ष 2014 से 2018 तक अन्य देशों में निर्मित और निर्यात की गई कुल बाइक और कारों की जानकारी देती है।

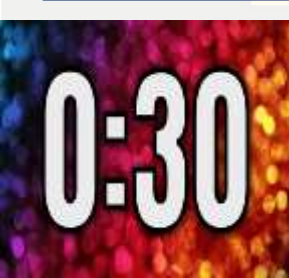
Year	Bikes		Cars	
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%



Q.16 :- In the given time period total cars manufactured are what percent of total bikes manufactured ?

दी गई समयावधि में निर्मित कुल कारें निर्मित कुल बाइक का कितना प्रतिशत है?

- (A) $45 \frac{5}{11} \%$ (B) $45 \frac{5}{9} \%$ (C) $47 \frac{3}{7} \%$ (D) $48 \frac{5}{9} \%$ (E) None of these



Year				
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%

Q.17 :- Find the ratio of total bikes exported in 2017 to total cars manufactured in 2015.

2017 में निर्यात की गई कुल बाइकों का 2015 में निर्मित कुल कारों से अनुपात ज्ञात कीजिए।

(A) 275 : 313

(B) 308 : 475

(C) 156 : 231

(D) 411 : 732

(E) None of these



Year				
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%

Q.18 :-What is the average number of vehicles (bikes + cars) manufactured from 2015 to 2018 ?

2015 से 2018 तक निर्मित वाहनों (बाइक + कार) की औसत संख्या क्या है?

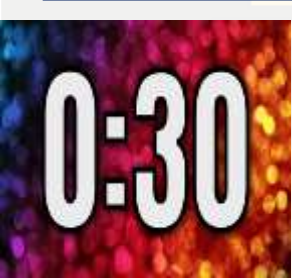
(A)346500

(B)412500

(C)431000

(D)389500

(E) None of these

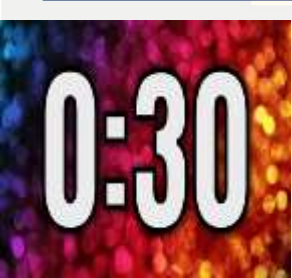


Year				
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%

Q.19 :-In 2017 approximately what percent of vehicles (bikes + cars) were consumed in India?

2017 में भारत में लगभग कितने प्रतिशत वाहनों (बाइक + कार) की खपत हुई?

- (A)56% (B)44% (C)48% (D)60% (E)64%



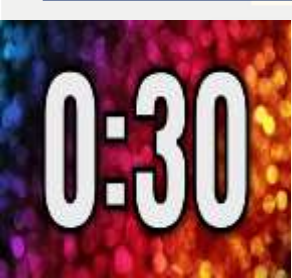
Year				
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%



Q.20 :- Find the difference of total exported bikes and cars in year 2016 .

वर्ष 2016 में निर्यात की गई कुल बाइक और कारों का अंतर ज्ञात कीजिए।

- (A) 71380 (B) 80520 (C) 73860 (D) 72340 (E) None of these



Year				
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%



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. $x^2 - 3x + 2 = 0$

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

Q.32 :-

I. $2x^2 - 5x - 3 = 0$

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

Q.33 :-

I. $x^2 + 9x + 14 = 0$

II. $2y^2 - 10y + 12 = 0$

Q.34 :-

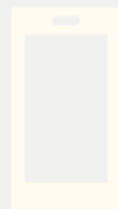
I. $x^2 - 2x - 35 = 0$

II. $y^2 - 12y + 32 = 0$

Q.35 :-

I. $x^2 + 10x + 21 = 0$

II. $y^2 - 2y - 8 = 0$





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

$$188769 - 13563 - 44398 = ?$$

(A) 130808

(B) 130880

(C) 130800

(D) 130888

(E) None of these





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

$$22004 + 29303 + 101299 - 59532 = ?$$

(A) 44000

(B) 24500

(C) 34468

(D) 26000

(E) None of these



Class Time :- 9:00 AM



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

$$26831 + 8348 - 2061 = ? \times 58$$

(A)569

(B)573

(C)575

(D)582

(E)None of these



Class Time :- 9:00 AM



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

$$41 \times 629 \div 37 - 11 = ?$$

(A)682

(B)686

(C)680

(D)688

(E)None of these





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

$$774 \times 326 = ?$$

(A) 232524

(B) 242325

(C) 252324

(D) 225324

(E) None of these



Class Time :- 9:00 AM



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

$$(64 \times 16 \div 256) \times 4 = 4^a$$

- (A)1 (B)2 (C)5 (D)4 (E)None of these





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

$$?^2 = 9^2 + 13^2 - 106$$

(A)12

(B)6

(C)10

(D)7

(E)9

0:30

Class Time :- 9:00 AM



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

$$3/7 \times 1008 \div 12 + 19 = ?$$

- (A)45 (B)55 (C)56 (D)53 (E) None of these



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

$$187.5 \% \text{ of } 41472 = 225\% \text{ of } ?$$

(A) 34650

(B) 34580

(C) 32540

(D) 34560

(E) None of these



Class Time :- 9:00 AM

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

$$\sqrt{2704} \div (7332 \div 564) = (?)^3 + 1732$$

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





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

11 . 18 , 22 , 40 , ? , 102 , 164

(A)60

(B)64

(C)63

(D)56

(E)None of these

0:30

Class Time :- 9:00 AM



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

12 . 22 , 43 , 85 , ? , 232

(A)136

(B) 142

(C)124

(D)85

(E)None of these



Class Time :- 9:00 AM



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

13 . 5 , 8 , 18 , 34 , ? , 138

(A) 85

(B) 68

(C) 70

(D) 69

(E) None of these

0:30



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

14 . 125 , 170 , ? , 395 , 575 , 800

(A) 230

(B) 225

(C) 260

(D) 250

(E) 265

0:30



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

15 . 196 , 221 , 257 , ? , 370 , 451

(A)340

(B)301

(C)320

(D) 306

(E)312



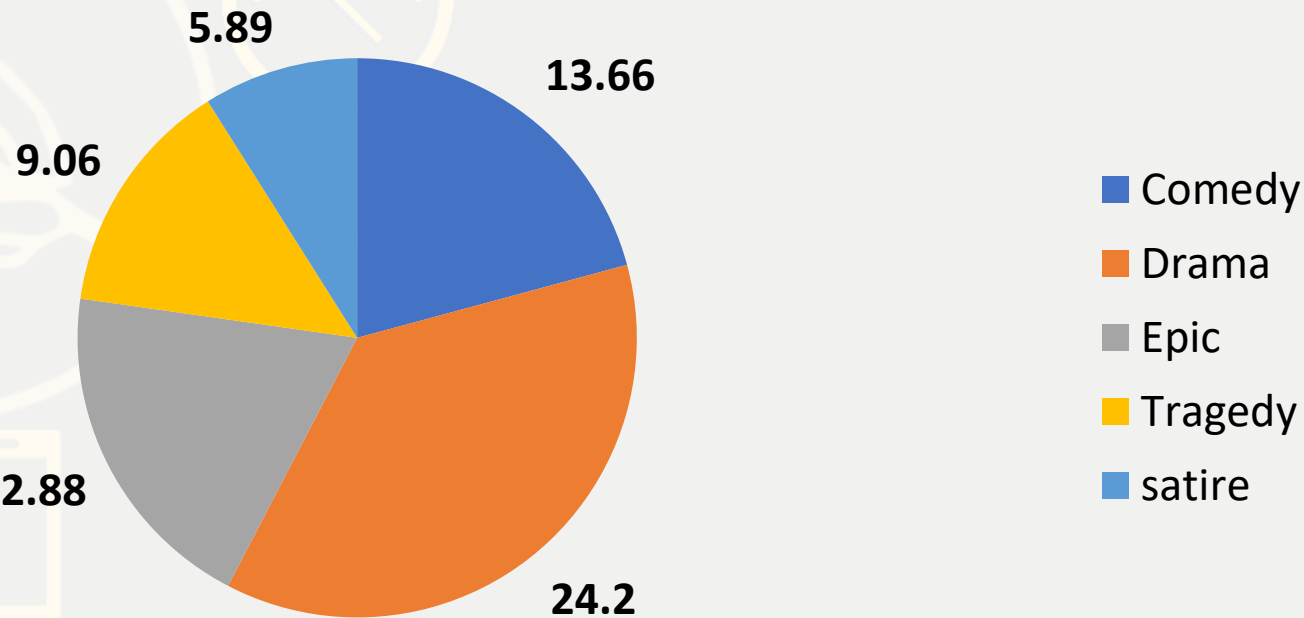
Class Time :- 9:00 AM

Directions (Q. 16-20):-Direction for Question

Study the following data carefully to answer these questions.

प्रश्न के लिए निर्देश इन प्रश्नों के उत्तर देने के लिए निम्नलिखित आँकड़ों का ध्यानपूर्वक अध्ययन कीजिए।

NUMBER OF NOVELS IN A LIBRARY (IN THOUSAND)

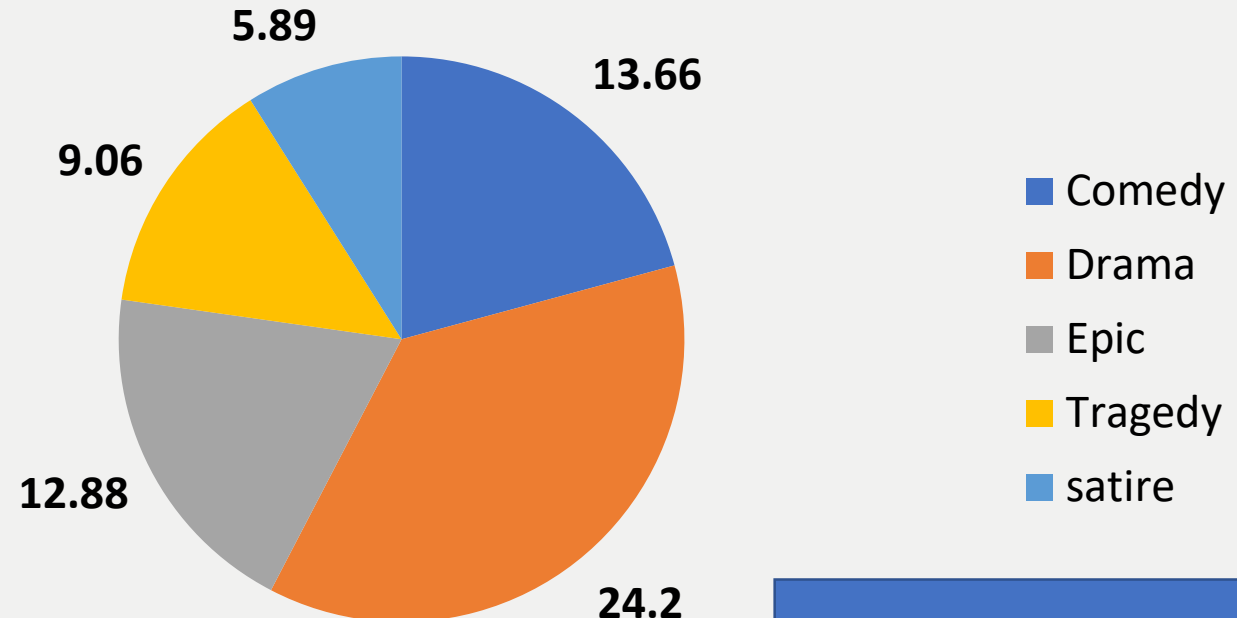


Q.16 :- The total number of epic and tragedy novels together is what percent of the total number of novels in the library?
एपिक और ट्रेजेडी नोवेल्स की कुल संख्या, लाइब्रेरी की कुल नोवेल्स की संख्या की कितने प्रतिशत है ?

- (A)24% (B)27% (C)31% (D)33% (E) None of these

0:30

NUMBER OF NOVELS IN A LIBRARY (IN THOUSAND)





Q.17 :- If there is increase in Comedy and Tragedy by 5% and 10% what is the total number of books in library after increase?

यदि कॉमेडी और ट्रेजेडी में 5% और 10% की वृद्धि होती है, तो पुस्तकालय में पुस्तकों की कुल संख्या कितनी बढ़ जाती है?

(A)66728

(B)67729

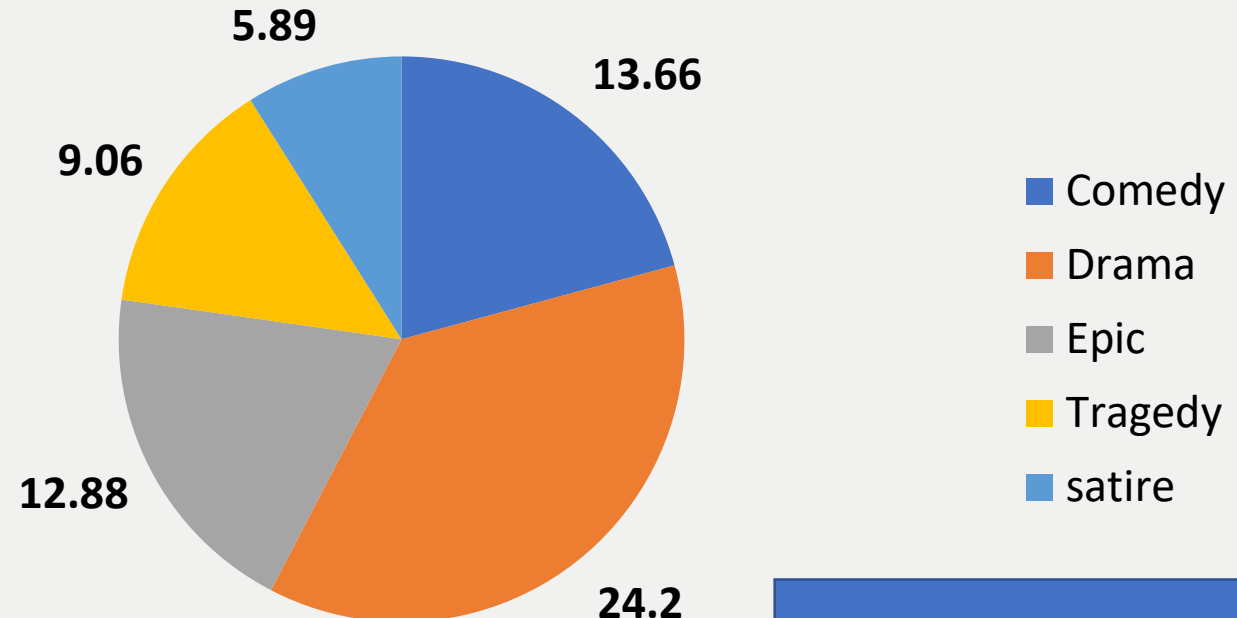
(C)67279

(D)67779

(E) None of these

0:30

NUMBER OF NOVELS IN A LIBRARY (IN THOUSAND)





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Q.18 :- Total number of Epic and Satire novels is what percent of total number of comedy and Drama novel? (approximately)

महाकाव्य और व्यंग्य उपन्यासों की कुल संख्या, हास्य और नाटक उपन्यासों की कुल संख्या का कितना प्रतिशत है? (लगभग)

(A)35%

(B)40%

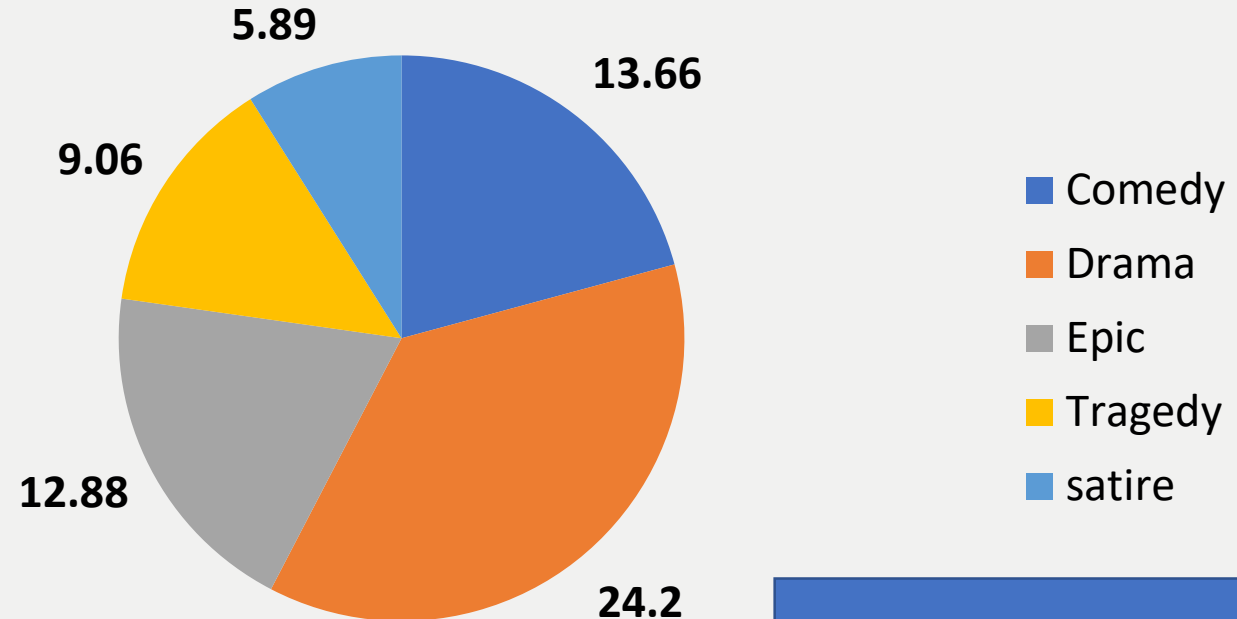
(C)45%

(D)50%

(E) None of these

0:30

NUMBER OF NOVELS IN A LIBRARY (IN THOUSAND)



Class Time :- 9:00 AM



Q.19 :- What is the respective ratio of Epic novels and Drama novels?

महाकाव्य उपन्यासों और नाटक उपन्यासों का संबंधित अनुपात क्या है?

(A) 331 : 506

(B) 323 : 566

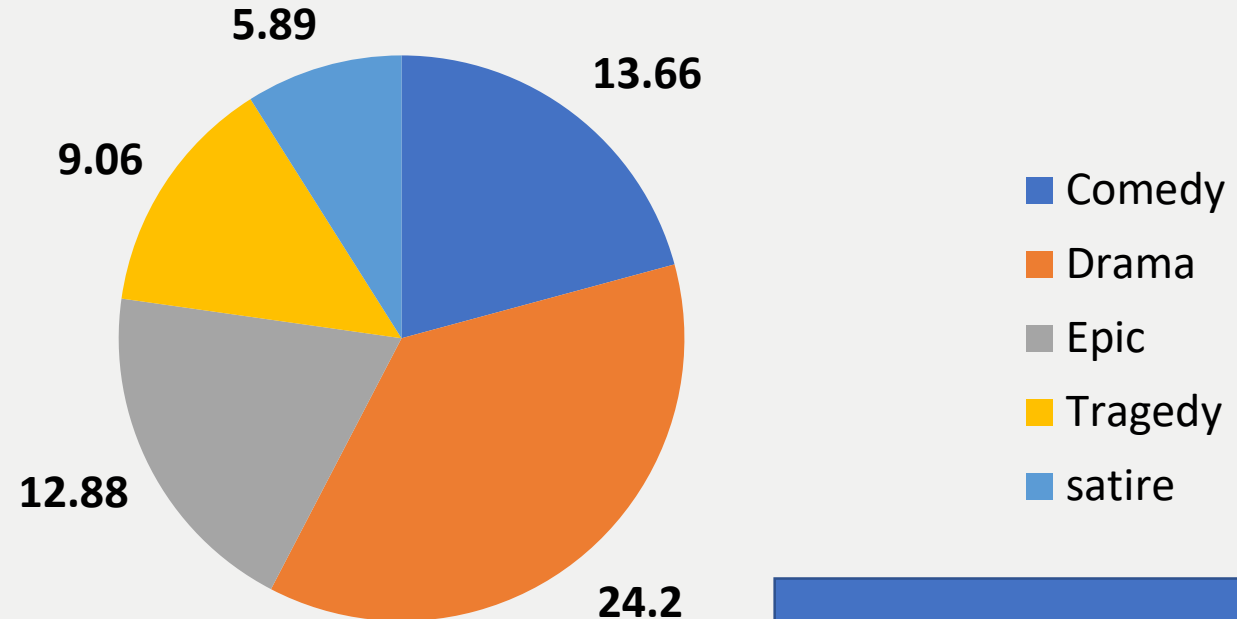
(C) 322 : 605

(D) 333 : 637

(E) None of these



NUMBER OF NOVELS IN A LIBRARY (IN THOUSAND)



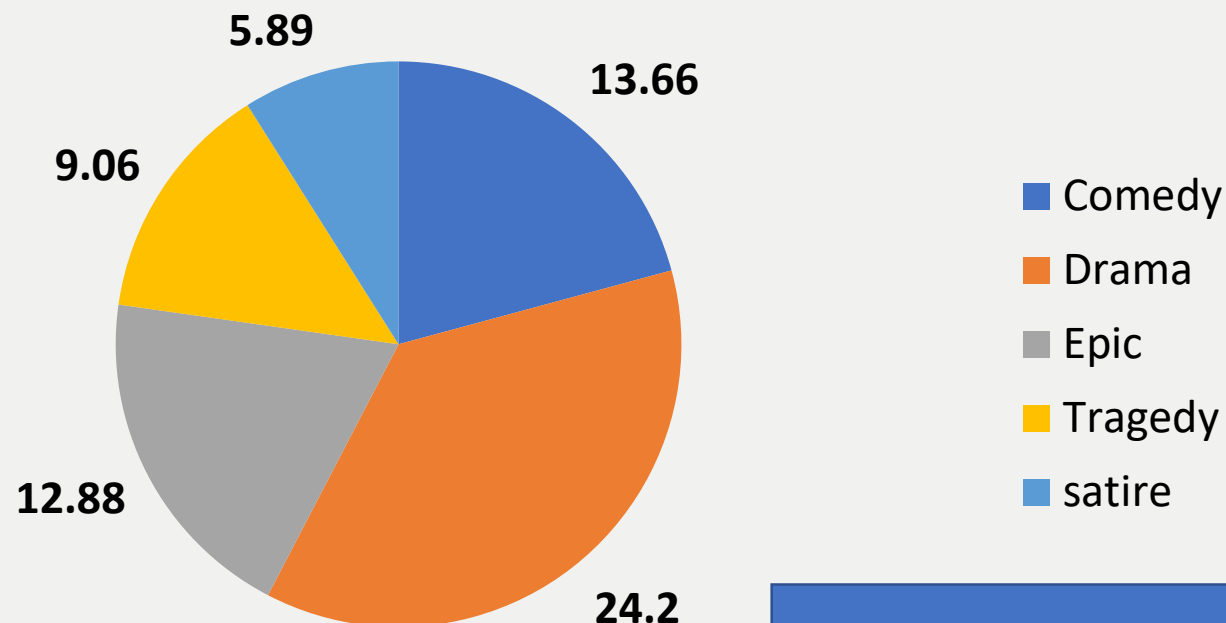
Q.20 :- What is the average of total no. of books?

पुस्तकों की कुल संख्या का औसत क्या है?

- (A)13.148 (B)13.138 (C)12.148 (D)12.138 (E) None of these

0:30

NUMBER OF NOVELS IN A LIBRARY (IN THOUSAND)



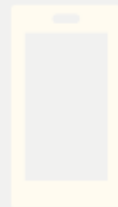


Q.21 :- 16 men working 9 hours in a day can finish their work in 28 days. How many men are required when working 6 hours in a day to finish the same work in 12 days?

16 आदमी एक दिन में 9 घंटे काम करते हुए 28 दिनों में अपना काम खत्म कर सकते हैं। उसी काम को 12 दिनों में पूरा करने के लिए एक दिन में 6 घंटे काम करते समय कितने पुरुषों की आवश्यकता होगी?

- (A)36 (B)60 (C)56 (D)65 (E) None of these

0:30





Q.22 :- Rs 1440 were distributed among A,B,C and D in such a way that C and D together gets half of what A and B together gets and C gets one third amount of B. Also D gets $\frac{5}{3}$ times as much as C. what is the amount of A?

A,B,C और D के बीच 1440 रुपये इस प्रकार वितरित किए गए कि C और D को एक साथ A और B को मिलाकर प्राप्त होने वाली राशि का आधा प्राप्त होता है और C को B की एक तिहाई राशि मिलती है। साथ ही D को C से $\frac{5}{3}$ गुना अधिक मिलता है। A की राशि क्या है?

- (A)300 (B)360 (C)420 (D)450 (E) None of these

0:30

Q.23 :- How many cube can be cut of side 3 cm. from the cube of 6 cm?

6 सेमी के घन में से 3 सेमी भुजा वाले कितने घन काटे जा सकते हैं?

- (A)8 (B)6 (C)5 (D)9 (E) None of these

0:30



Q.24 :- Perimeter of a square is decreased by 24% find the percentage change in its area?
एक वर्ग के परिमाप में 24% की कमी आई है, उसके क्षेत्रफल में कितने प्रतिशत परिवर्तन हुआ है?

- (A) 43.25% (B) 45.24% (C) 39.45% (D) 47.15% (E) None of these

0:30



Q.25 :- A man can row a boat upstream at the speed of 8 kmph and downstream at the speed of 12 kmph . At what speed he can row in still water ?

एक आदमी एक नाव को धारा के प्रतिकूल 8 किमी प्रति घंटे की गति से और धारा के अनुकूल 12 किमी प्रति घंटे की गति से नाव चला सकता है। वह किस गति से शांत जल में नाव चला सकता है?

(A) 25km/h

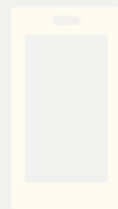
(B) 30km/h

(C) 35km / h

(D) 10km/h

(E) None of these

0:30





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THANKS



Class Time :- 9:00 AM