



SBI/IBPS EXAM



Maths

Exam वाले Questions Data Interpretation

Basic To Advance



Day

09

9:30 PM



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Number of People contacted for loan fair = z

Number of People visited for loan fair = x

Number of People shown Interest = 9600

%People applied for loan = 37.5%

%People eligible = 20%

%People whose
loan disbursed
= $y\%$

The given diagram shows the data related to loan fair. In total z number of people contacted for a loan fair, from which x number of people visited loan fair and 9600 people shown interest for a loan. Out of the total number of people shown interest for a loan only 37.5% applied for the loan. Out of the total number of people applied for the loan, only 20% are eligible for a loan. Out of the total number of people eligible for a loan, loan of only $y\%$ people are disbursed
दिया गया आरेख, ऋण मेले से संबंधित आंकड़ों को दर्शाता है। कुल संख्या में लोगों ने ऋण मेले के लिए संपर्क किया, जिसमें से x संख्या में लोगों ने ऋण मेले का दौरा किया और 9600 लोगों ने ऋण के लिए रुचि दिखाई। कुल ऋण में से 37.5% लोगों ने ऋण के लिए आवेदन किया था। ऋण के लिए आवेदन किए गए लोगों की कुल संख्या में से केवल 20% ही ऋण के लिए पात्र हैं। ऋण के लिए पात्र लोगों की कुल संख्या में से, केवल $y\%$ लोगों का ऋण वितरित किया जाता है



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If out of the number people who have applied for loan, 2880 were not eligible for a loan, then how many people are eligible for a loan?

यदि ऋण के लिए आवेदन करने वाले लोगों की संख्या में से, 2880 ऋण के लिए पात्र नहीं थे, तो कितने लोग ऋण के लिए पात्र हैं?

- A. 1440 B. 11520 C. 360 D. 720 E.
None of these



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%People eligible = 20%

%People whose
loan disbursed
= $y\%$

If 6000 people, who visited loan fair but not shown interest and 7400 people, who were contacted but did not visit the loan fair, then how many people contacted for the loan fair? यदि 6000 लोग, जिन्होंने ऋण मेले का दौरा किया, लेकिन रुचि नहीं दिखाया और 7400 लोग, जिनसे संपर्क किया गया था, लेकिन ऋण मेले में नहीं गए, तो कितने लोगों ने ऋण मेले के लिए संपर्क किया? A. 21000 B. 24000 C. 25000 D. 22500 E. 23000



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%People whose
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= $y\%$

Ratio of the number of people, who did not visit the loan fair and the number of people, who visited the loan fair but not shown interest is 7 : 5 . If the total number of people contacted for the loan fair is 19200, then find the value of x . उन लोगों की संख्या का अनुपात, जिन्होंने ऋण मेले का दौरा नहीं किया और उन लोगों की संख्या, जिन्होंने ऋण मेले का दौरा किया, लेकिन रुचि नहीं दिखाया, 7: 5 है। यदि ऋण मेले के लिए संपर्क किए गए लोगों की कुल संख्या 19200 है, तो x का मान ज्ञात कीजिए।

A. 19200 B. 16000
C. 14400 D. 13600 E. 12600



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%People eligible = 20%

%People whose
loan disbursed
= $y\%$

Loan of 40% of the people did not disbursed who were eligible for a loan, then find the ratio of the number of people, who shown interest and the number of people, whose loan disbursed. 40% लोगों के ऋण का वितरण नहीं किया गया था, जो ऋण के लिए पात्र थे, फिर उन लोगों की संख्या का अनुपात खोजें, जिन्होंने रुचि दिखाई और उन लोगों की संख्या, जिनका ऋण वितरित हो गया। A. 2000 : 9 B. 1250 : 24 C. 2000 : 27 D. 625 : 24 E. None of these



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Number of People visited for loan fair = x

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%People eligible = 20%

%People whose
loan disbursed
= $y\%$

Number of people who were eligible for a loan but whose loans were not disbursed is equal to the 9% of the number of people who shown interest in the loan but did not apply for a loan. Find the value y . ऐसे लोगों की संख्या जो ऋण के लिए पात्र थे, लेकिन जिनके ऋण का वितरण नहीं किया गया था, उन लोगों की संख्या के 9% के बराबर है जिन्होंने ऋण में रुचि दिखाई लेकिन ऋण के लिए आवेदन नहीं किया। y के मान का पता लगाएं। A. 12.5 B. 25 C. 16.67 D. 20 E. None of these



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In the following table the schedule of train is given study the following table carefully and answer the questions that follow
निम्नलिखित तालिका में ट्रेन का समय दिया गया है। निम्नलिखित तालिका का ध्यानपूर्वक अध्ययन करें और आने वाले प्रश्नों के उत्तर दें

Stations	Arrival Time	Departure Time	Halt Time (min)	Distance Travelled from Origin (km)	Number of Passengers boarding the train at each station
Dadar	Starting	12:05	--	0	437
Vasai Road	12:53 am	12:56 am	3	42	378
Surat	4:15 am	4:20 am	5	257	458
Vadodara	6:05 am	6:10 am	5	386	239
Anand Jn	6:43 am	6:45 am	2	422	290
Nadiad Jn	7:01 am	7:03 am	2	440	132
Ahmedabad	8:00 am	8:20 am	20	486	306
Bhuj	5:40 pm	Ending	--	977	None

What is the distance travelled by the train from Surat to Nadiad Junction.

सूरत से नडियाद जंक्शन तक रेल द्वारा यात्रा की दूरी क्या है।

1. 176 km 2. 188 km 3. 183 km 4. 193 km 5. 159 km

Stations	Arrival Time	Departure Time	Halt Time (min)	Distance Travelled from Origin (km)	Number of Passengers boarding the train at each station
Dadar	Starting	12:05	--	0	437
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Ahmedabad	8:00 am	8:20 am	20	486	306
Bhuj	5:40 pm	Ending	--	977	None

How much time does the train take to reach Ahmedabad, after departing from Anand junction (including the halt time)?

आनंद जंक्शन (प्रस्थान समय सहित) से प्रस्थान करने के बाद ट्रेन को अहमदाबाद पहुंचने में कितना समय लगता है?

1. 1 h 59 min 2. 1 h 17 min 3. 1 h 47 min 4. 1 h 45 min 5. 1 h 15 min

Stations	Arrival Time	Departure Time	Halt Time (min)	Distance Travelled from Origin (km)	Number of Passengers boarding the train at each station
Dadar	Starting	12:05	--	0	437
Vasai Road	12:53 am	12:56 am	3	42	378
Surat	4:15 am	4:20 am	5	257	458
Vadodara	6:05 am	6:10 am	5	386	239
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Ahmedabad	8:00 am	8:20 am	20	486	306
Bhuj	5:40 pm	Ending	--	977	None

What is the ratio of the number of passengers boarding from Vasai Road to that from Ahmedabad in the train?

ट्रेन में वसई रोड से अहमदाबाद पर सवार यात्रियों की संख्या का अनुपात क्या है?

1. 21:17 2. 13:9 3. 21:19 4. 15:13 5. 13:15

Stations	Arrival Time	Departure Time	Halt Time (min)	Distance Travelled from Origin (km)	Number of Passengers boarding the train at each station
Dadar	Starting	12:05	--	0	437
Vasai Road	12:53 am	12:56 am	3	42	378
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Ahmedabad	8:00 am	8:20 am	20	486	306
Bhuj	5:40 pm	Ending	--	977	None

If the halt time (stopping time) of the train at Vadodara is decreased by 2 minute and increased by 23 minute at Ahmedabad, at what time will the train reach Bhuj?

अगर वड़ोदरा में ट्रेन का ठहराव समय (रुकने का समय) 2 मिनट कम हो जाता है और अहमदाबाद में 23 मिनट बढ़ जाता है, तो ट्रेन किस समय भुज पहुंचेगी?

1. 6:10 am 2. 6:01 pm 3. 6:05 am 4. 6:50 pm 5. 6:07 pm

Stations	Arrival Time	Departure Time	Halt Time (min)	Distance Travelled from Origin (km)	Number of Passengers boarding the train at each station
Dadar	Starting	12:05	--	0	437
Vasai Road	12:53 am	12:56 am	3	42	378
Surat	4:15 am	4:20 am	5	257	458
Vadodara	6:05 am	6:10 am	5	386	239
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Ahmedabad	8:00 am	8:20 am	20	486	306
Bhuj	5:40 pm	Ending	--	977	None

The distance between which two stations is the second lowest?

किन दो स्टेशनों के बीच की दूरी दूसरी सबसे कम है?

1. Nadiad Jn to Ahmedabad
2. Anand Jn to Nadiad Jn
3. Dadar to Vasai Road
4. Anand Jn from Vadodara
5. Vasai Road to Surat

Stations	Arrival Time	Departure Time	Halt Time (min)	Distance Travelled from Origin (km)	Number of Passengers boarding the train at each station
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Bhuj	5:40 pm	Ending	--	977	None

In the diagram, Population Density (in population per square kilometres) and Land Area (in square kilometres) of 4 villages A, B, C and D for the year 2001 is given.

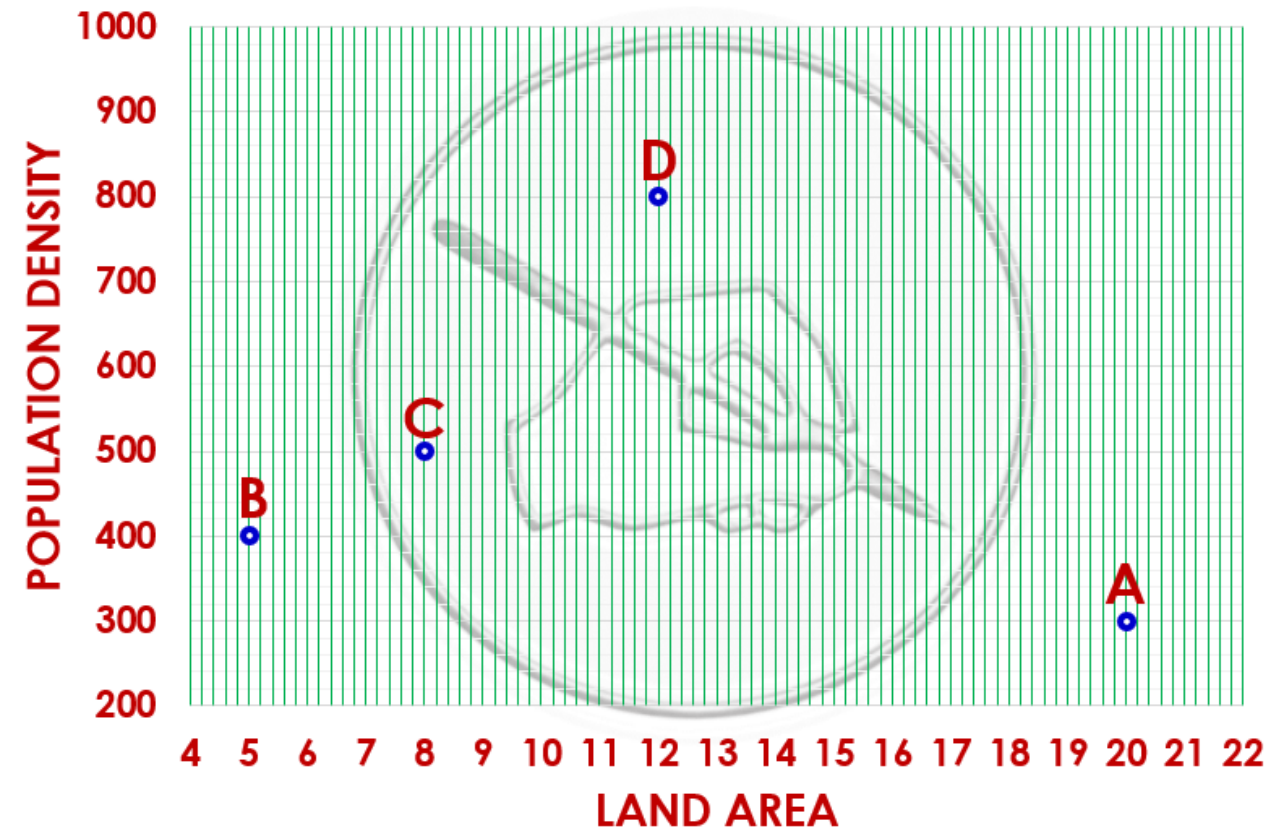
$$\text{Population Density} = \frac{\text{Total Population}}{\text{Area}}$$

$$\text{Gender Ratio} = \frac{\text{Male}}{\text{Female}} \times 100$$

आरेख में, वर्ष 2001 के लिए 4 गांवों A, B, C और D के जनसंख्या घनत्व (प्रति वर्ग किलोमीटर की आबादी में) और भूमि क्षेत्र (वर्ग किलोमीटर में) दिया गया है।

$$\text{जनसंख्या घनत्व} = \frac{\text{कुल जनसंख्या}}{\text{क्षेत्रफल}}$$

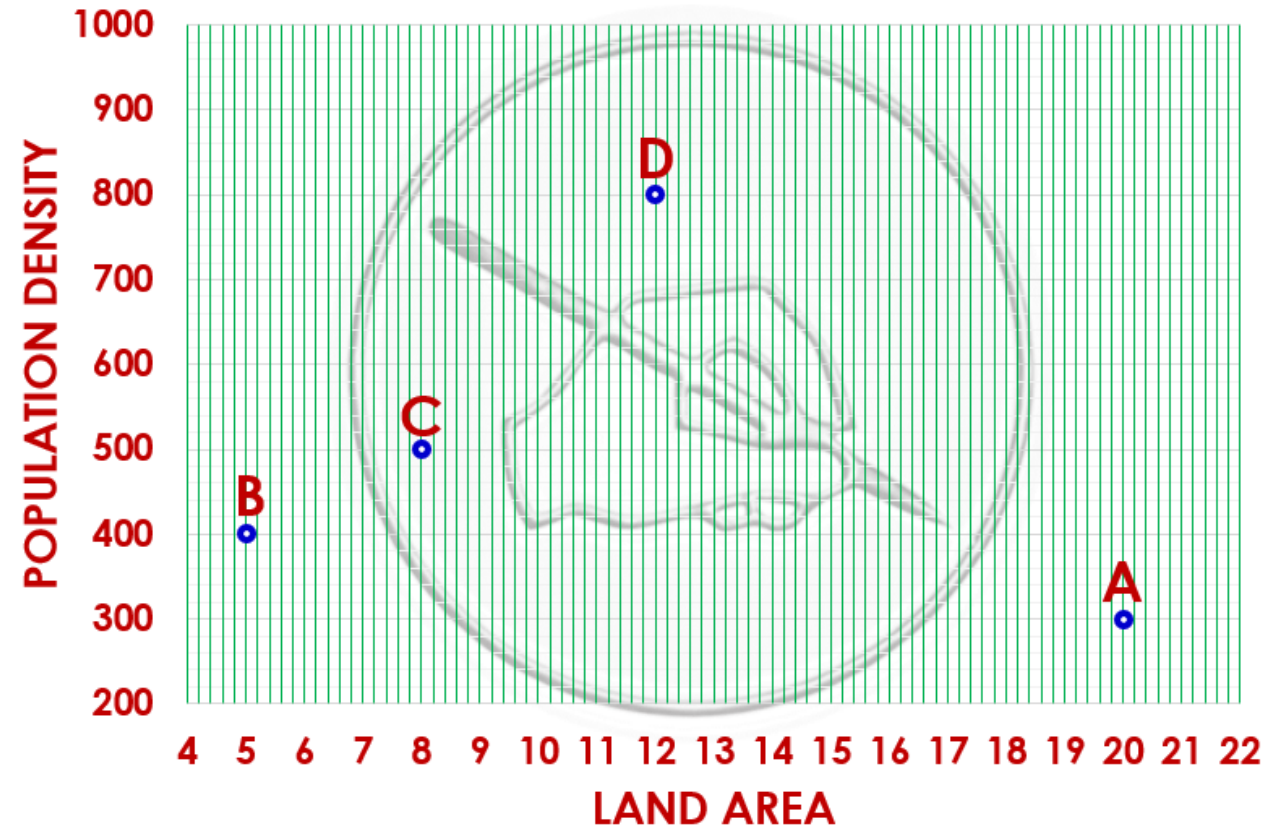
$$\text{लिंगानुपात} = \frac{\text{पुरुष}}{\text{महिला}} \times 100$$



If population of female in village D was 4000, then what is the gender ratio of village D?
यदि गाँव D में महिला जनसंख्या 4000 थी, तो गाँव D का लिंगानुपात क्या है?

2 Marks

- A. 120 B. 60 C. $71\frac{3}{7}$ D. 120 E. None

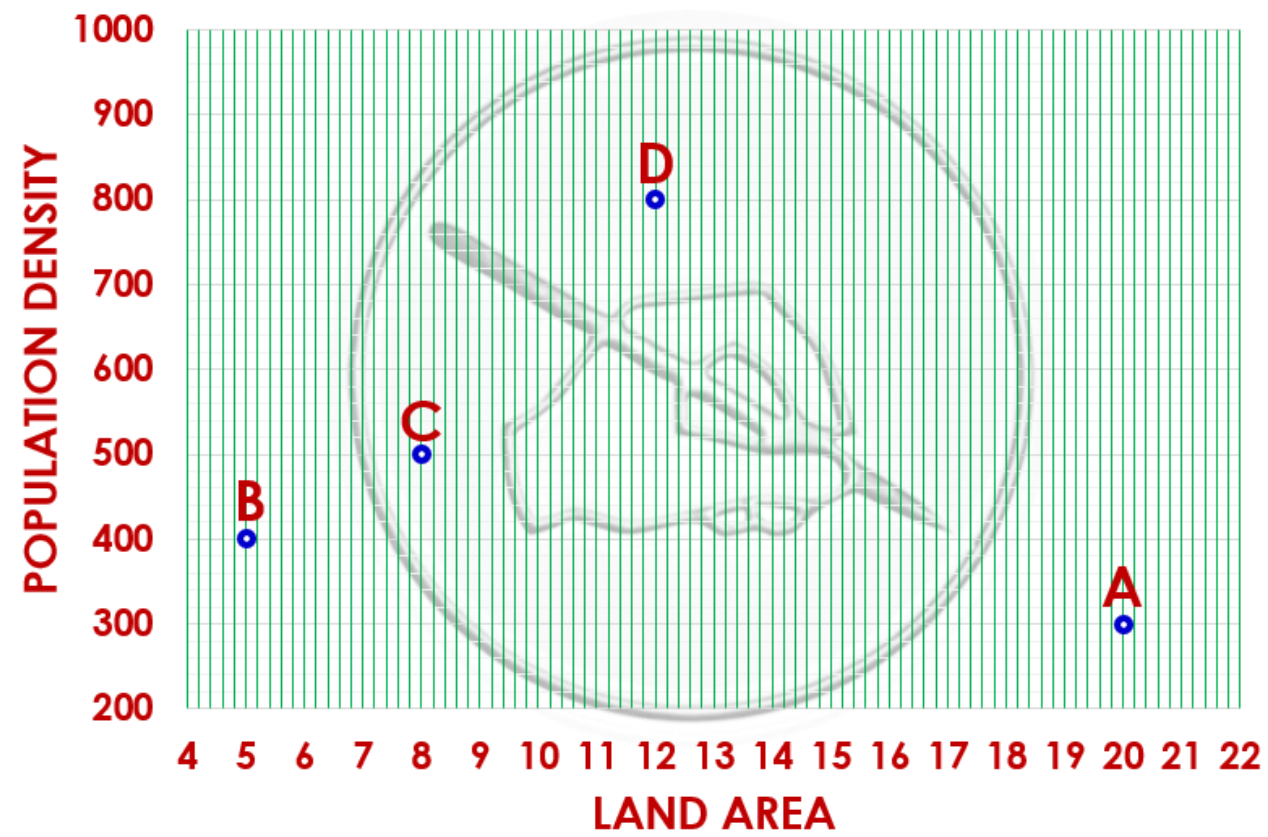


Gender ratio of village C is 125 less than that of A . If female population of villages A and C are equal, then find the male population in village A:

गाँव C का लिंगानुपात A की तुलना में 125 कम है। यदि गाँव A और C की महिला जनसंख्या बराबर है, तो गाँव A में पुरुष जनसंख्या ज्ञात कीजिए:

2 Marks

- A. 1600 B. 2400 C. 4400 D. 2500 E. None of these

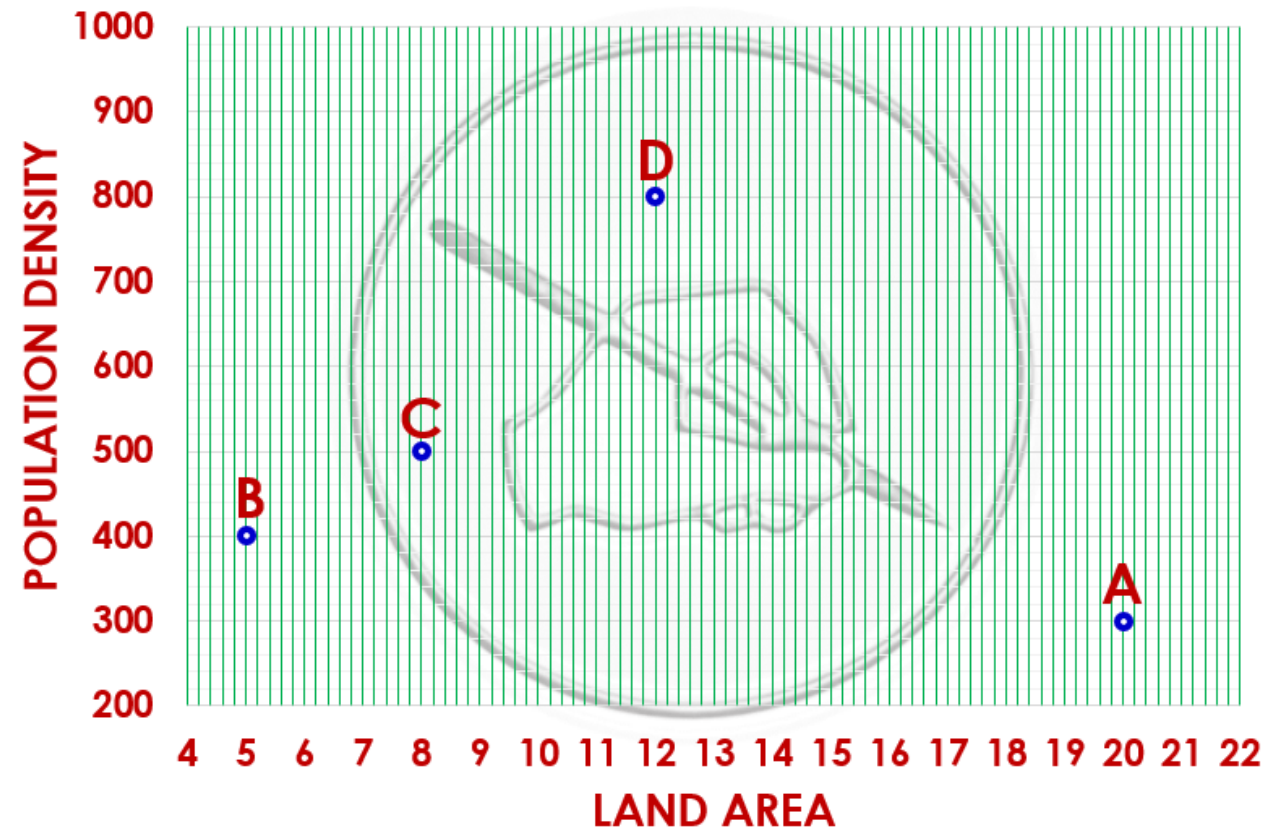


Land of a village E is 4 square kilometres. The population density of a village E in the year 2010 was 50% with respect to that in year 2001. In the year 2001, ratio of population density of a village B to that of village E is 1 : 4, then what was the population of village E in the year 2010?

2 Marks

एक गाँव E की भूमि 4 वर्ग किलोमीटर है। वर्ष 2010 में एक गाँव E का जनसंख्या घनत्व 2001 की तुलना में 50% था। वर्ष 2001 में, गाँव B और E के जनसंख्या घनत्व का अनुपात 1:4 है, तब वर्ष 2010 में गाँव E की जनसंख्या क्या थी?

- A. 3200 B. 1600 C. 2400 D. 4800 E. N



 *Mahendra's*

पढ़ना नहीं, सीखना है,
केवल पढ़ना होता,
तो Selection सबका हो जाता...!!!

दुनिया में कुछ बनो या ना बनो,
एक अच्छा इंसान जरूर बनो ...!!!

