Venn diagram part 2

Basic concepts
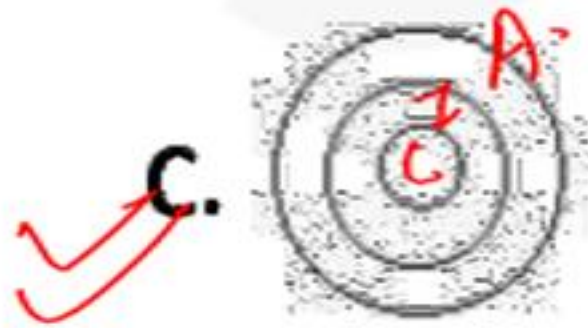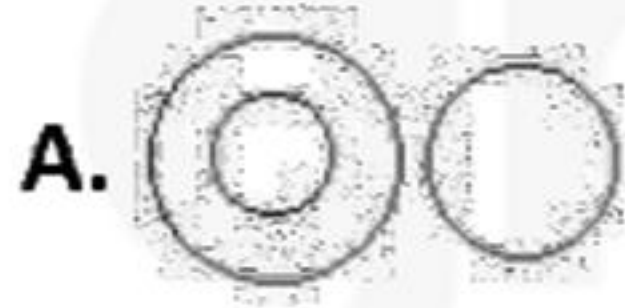
Q1-2

Venn Diagram

Part 1

Practice

Q. Select the Venn diagram that best represents the relation between the following classes.

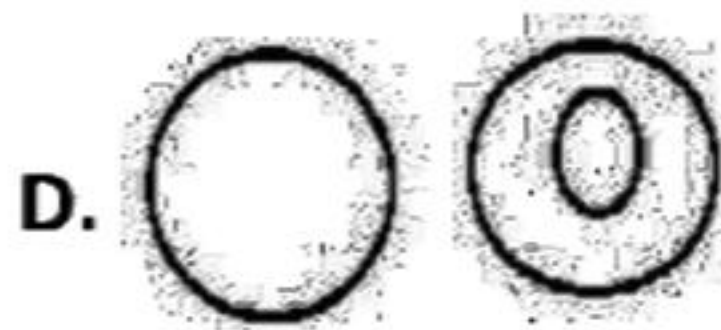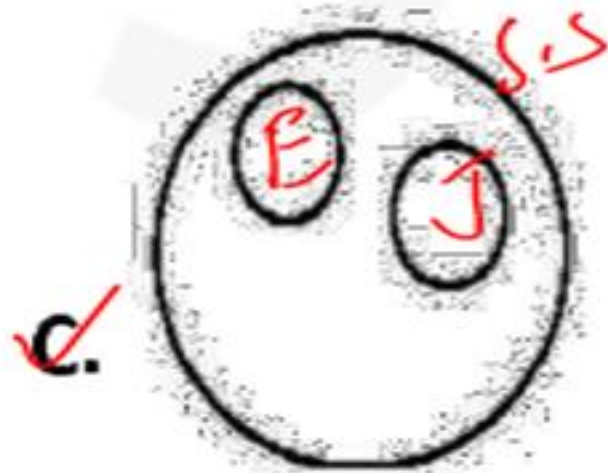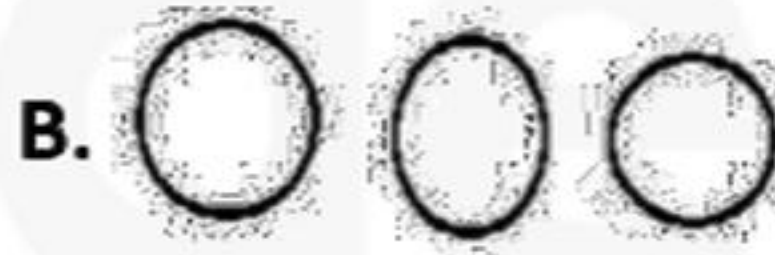Chennai, India, Asia

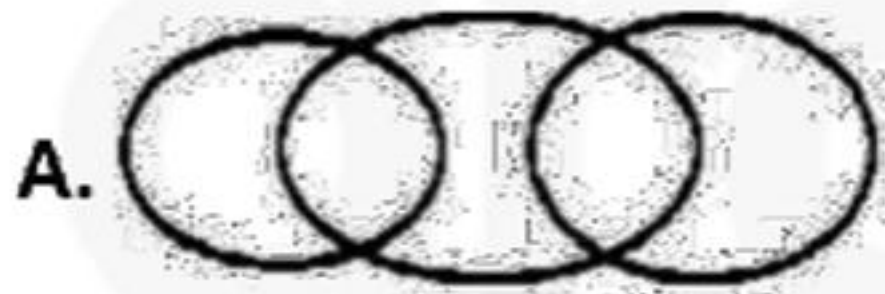All C is in I
All I is in A.
All C is in A.

A.

B.

C.

D.

Ans. C

Q. Select the Venn diagram that best represents the relationship between the following classes.

Solar System, Earth, Jupiter
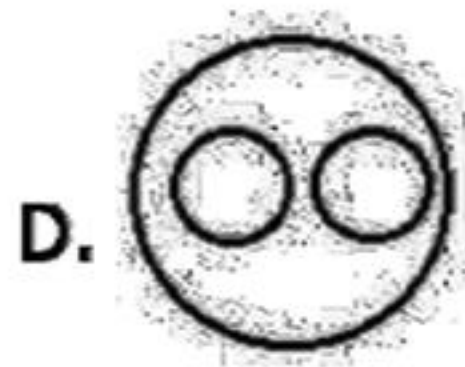
A.

B.

C.

D.

Ans. C

Q. Select the Venn diagram that best illustrates the relationship between the following classes.

Table, Transistor, Furniture
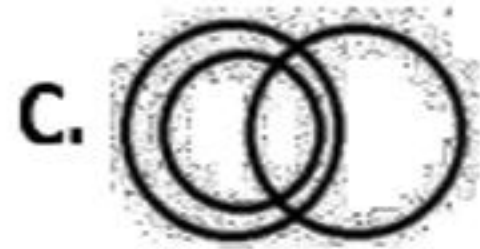
A.

B.

C.

D.

Ans. B

Q. Select the Venn diagram that best illustrates the relationship between the following classes.

Fathers, Males, Brothers
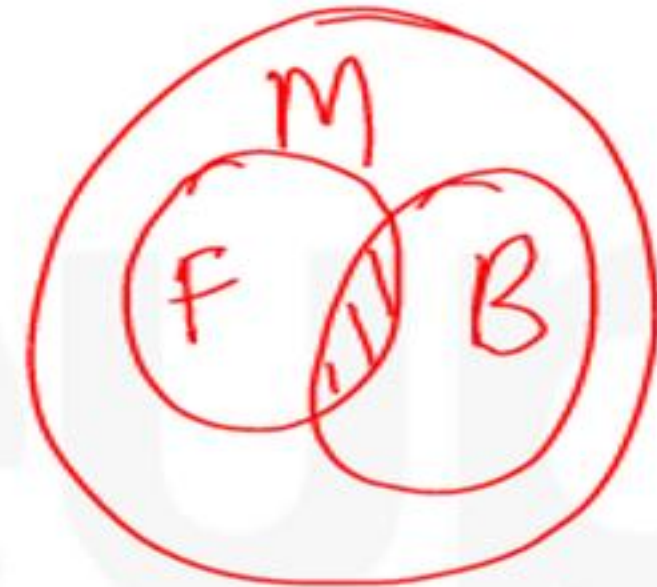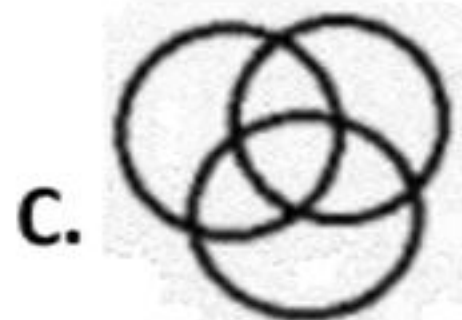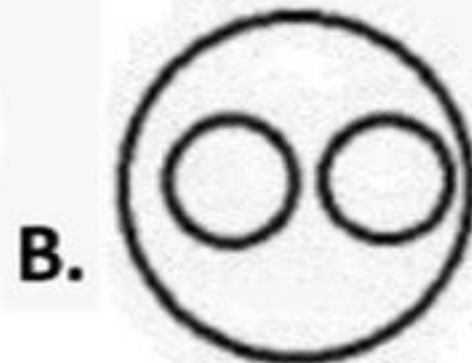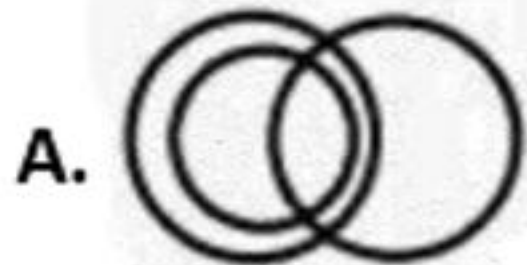
A.

B.

C.

D.

Ans. D

Q. Select the Venn diagram that best represents the relationship between the following classes.

Sisters, Mothers, Men

A.

B.

C.

D.
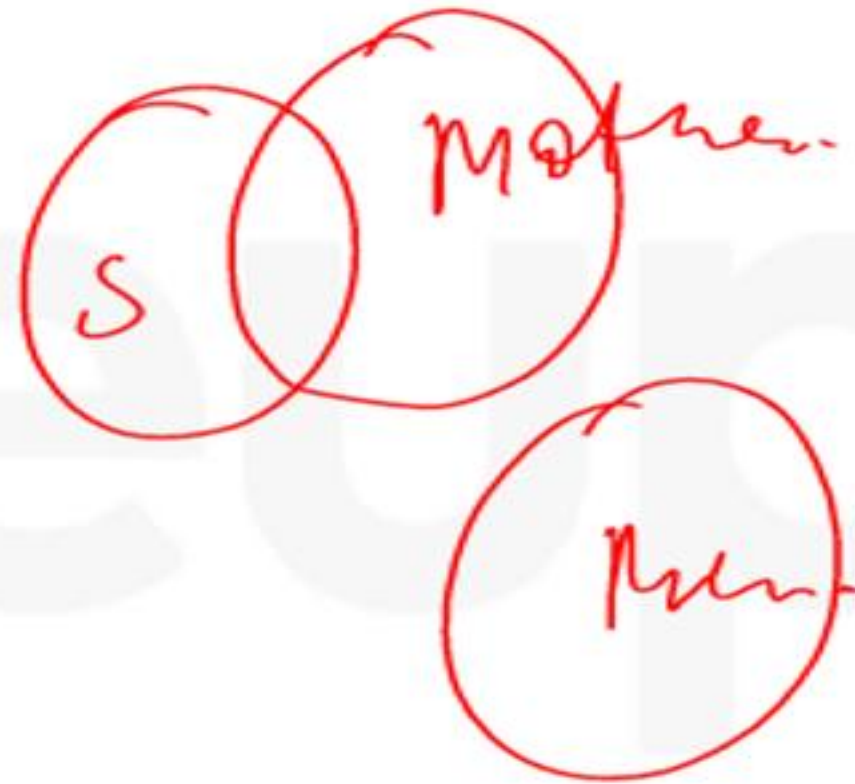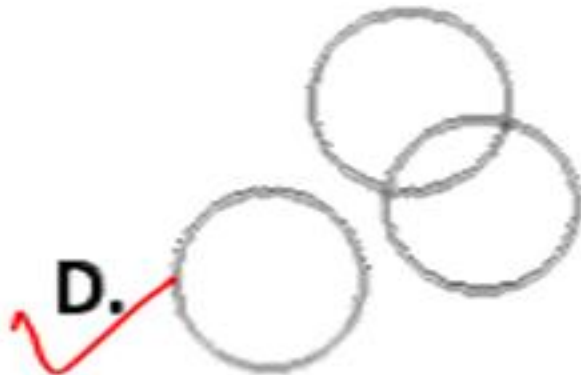
Ans. D

Q. Identify the Venn diagram that best represents the relationship between the given classes.

Reptiles, Mammals, Lizard
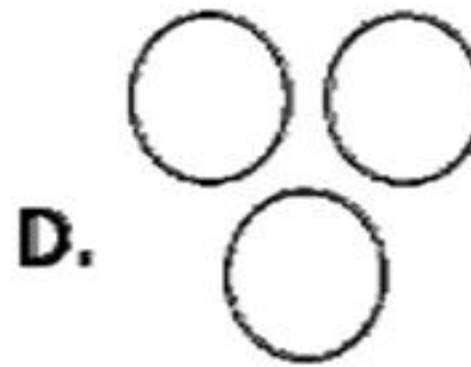
A.

B.

C.

D.

Ans. C

Q. Identify the diagram that best represents the relationship among the given classes.

Gold, Carbon, Metal
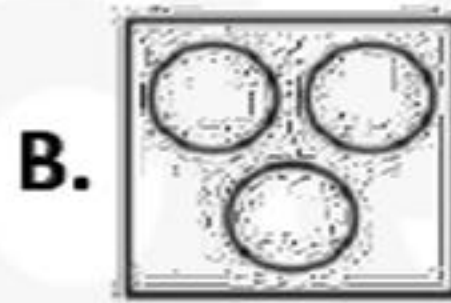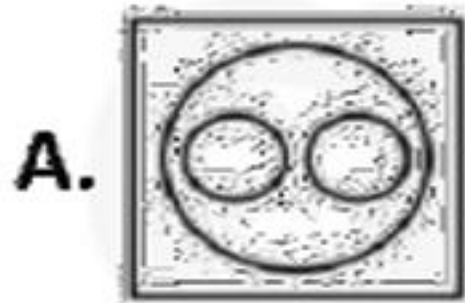
A.

B.

C.

D.

Ans. D

Q. Select the Venn diagram that best represents the relationship between the following classes.

Furniture, Cylinder, Sofa

A.

B. F S G ✓

C.

D.
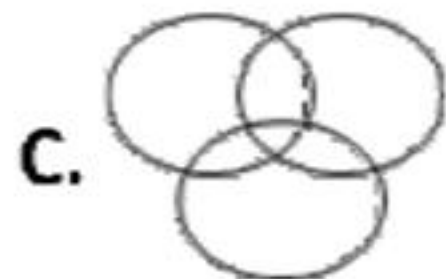
Ans. B

Q. In the following figure, rectangle represents Trump, circle represents Modi, triangle represents Putin and square represents Jinping. Which set of elements represents Trump, Modi and Putin but not Jinping?

A. a3   **B.** c1   **C.** 1   **D.** b2

Ans. C

Q. In the following figure, rectangle represents Bankers, circle represents Lawyers, triangle represents Teachers and square represents Indians. Which set of letters represents Indians who are teachers as well as lawyers?

A. t   B. e   C. n   D. v
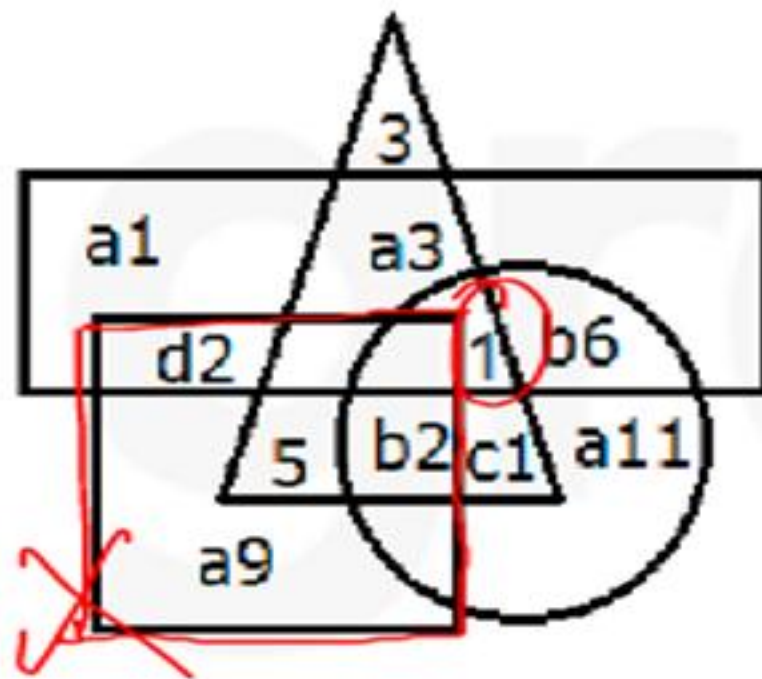
Ans. D

Q. In the given figure, which Roman numeral represents the angry kings who are fat?
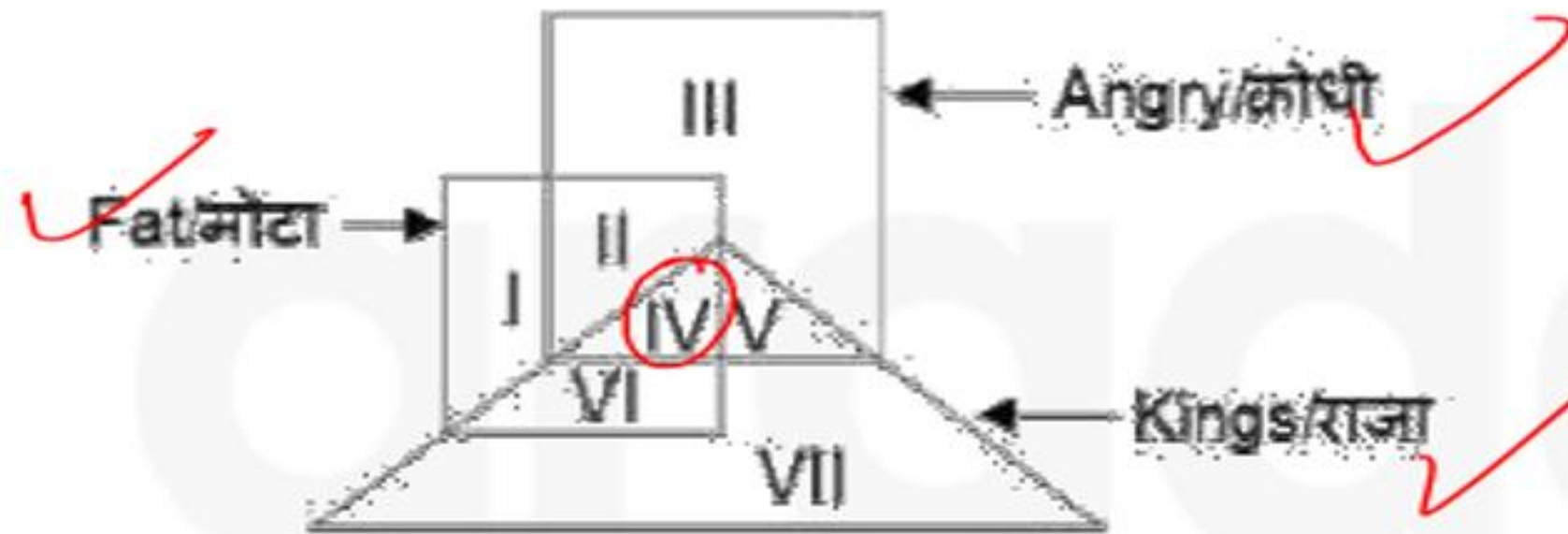
III ← Angry/क्रोधी

Fat/मोटा → II

I IV V

VI

Kings/राजा

VII

A. V   B. IV   C. VI   D. II

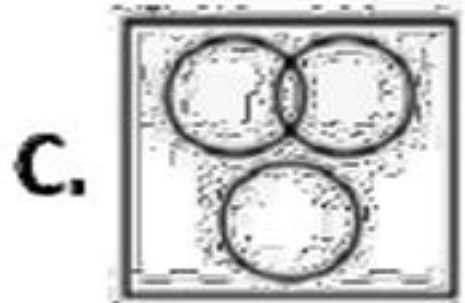**Ans. B**

Q. Identify the diagram that best represents the relationship among the given classes.

airport, bus-stand, railway station

A.

B.

C.

D.

Ans. C

Q. Select the option that correctly represents the classes given below:

Furniture, Chairs, Beds

A.

B.

C.

D.
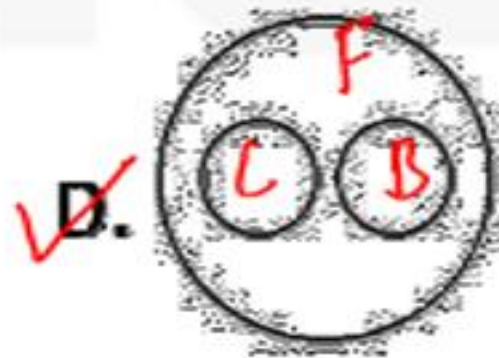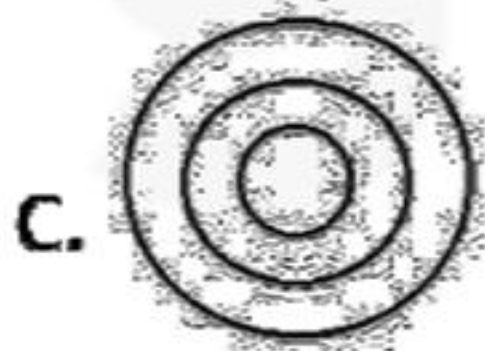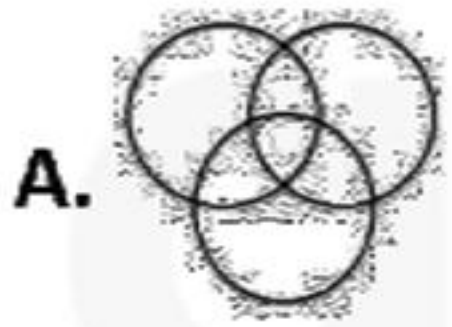
Ans. D

Q. The triangle represents poets, the circle represents photographers, the rectangle presents dancers. The numbers given in the diagram represent the number of persons in that particular category.
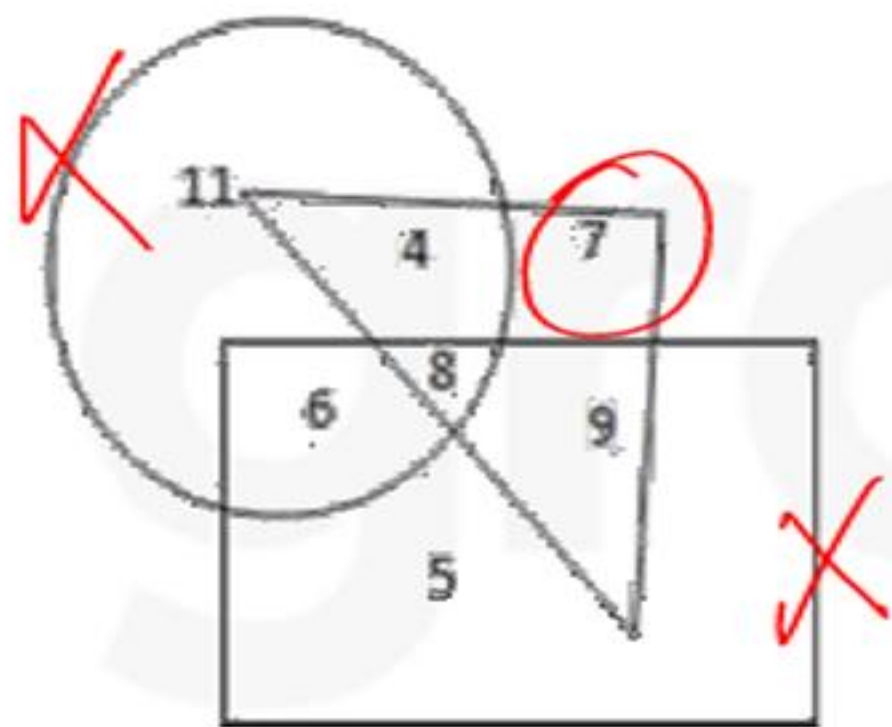
How many poets are neither dancers nor photographers?

A. 8   B. 6   C. 11   D. 7

Ans. D

Q. Select the Venn diagram that best represents the relationship between the following classes.

Police, Murderer, Criminals
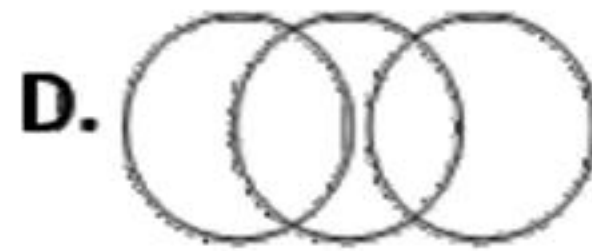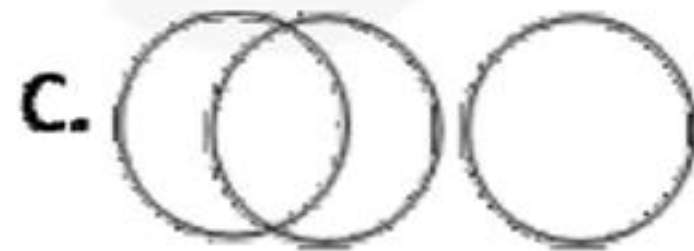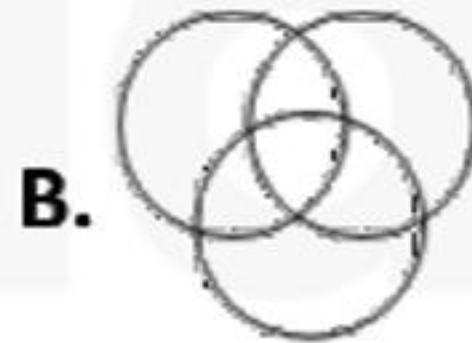
A.

B.

C.

D.

Ans. A

Q. Identify the Venn diagram that best represents the relationship between the given classes.

Fathers, Uncles, Aunts

A.

B.

C.

D.

Ans. C

Q. In the given Venn diagram, the 'rectangle' represents 'swine flu patient', the 'trapezium' represents 'malaria patient', and the 'triangle' represents asthma patient'. The numbers given in the diagram represents the number of patients in that particular category.
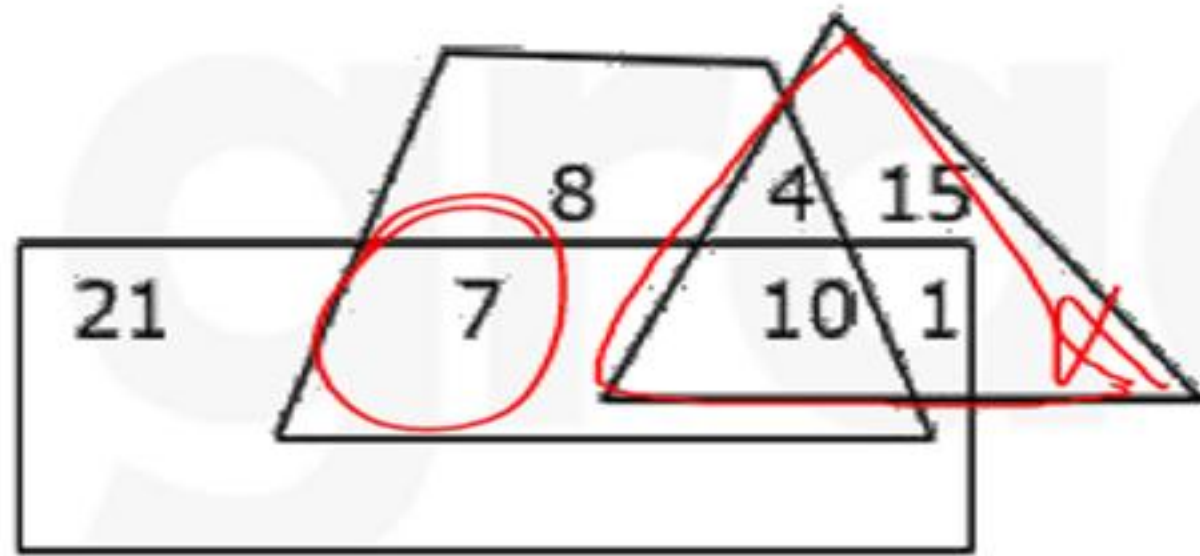
How many patients have swine flu and malaria both but not asthma?

A. 4   B. 17   C. 8   D. 7

Ans. D

Q. Select the Venn diagram that best illustrates the relationship between the following classes. → *Parent company of google.*
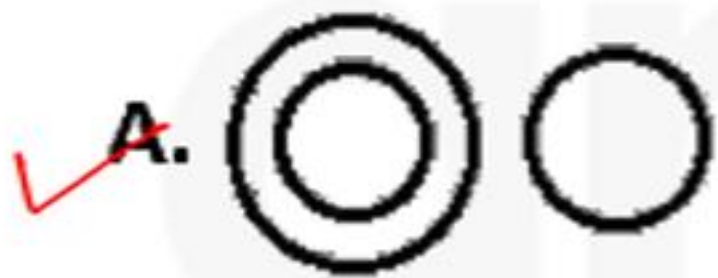
Google, Alphabet, Yahoo

A.

B.

C.

D.

Ans. A

Q. Select the Venn diagram that best illustrates the relationship between the following classes.

Women, Lawyers, Sons

A.

B.

C.

D.
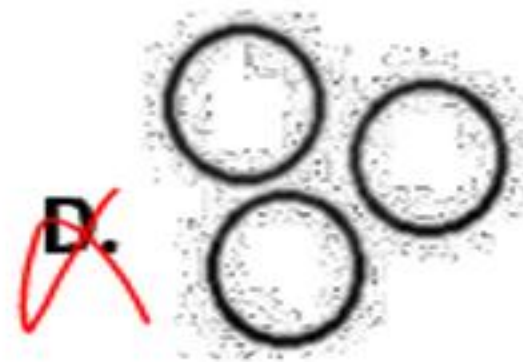
Ans. B

Q. In the Venn diagram given below the 'Circle' represents 'boys' ; the 'Triangle' represents married', and the 'Square' represents 'the person who own pets'. Then select the area which represents boys who are married but do not own pets?

A. 2

B. 4

C. 5

D. 6
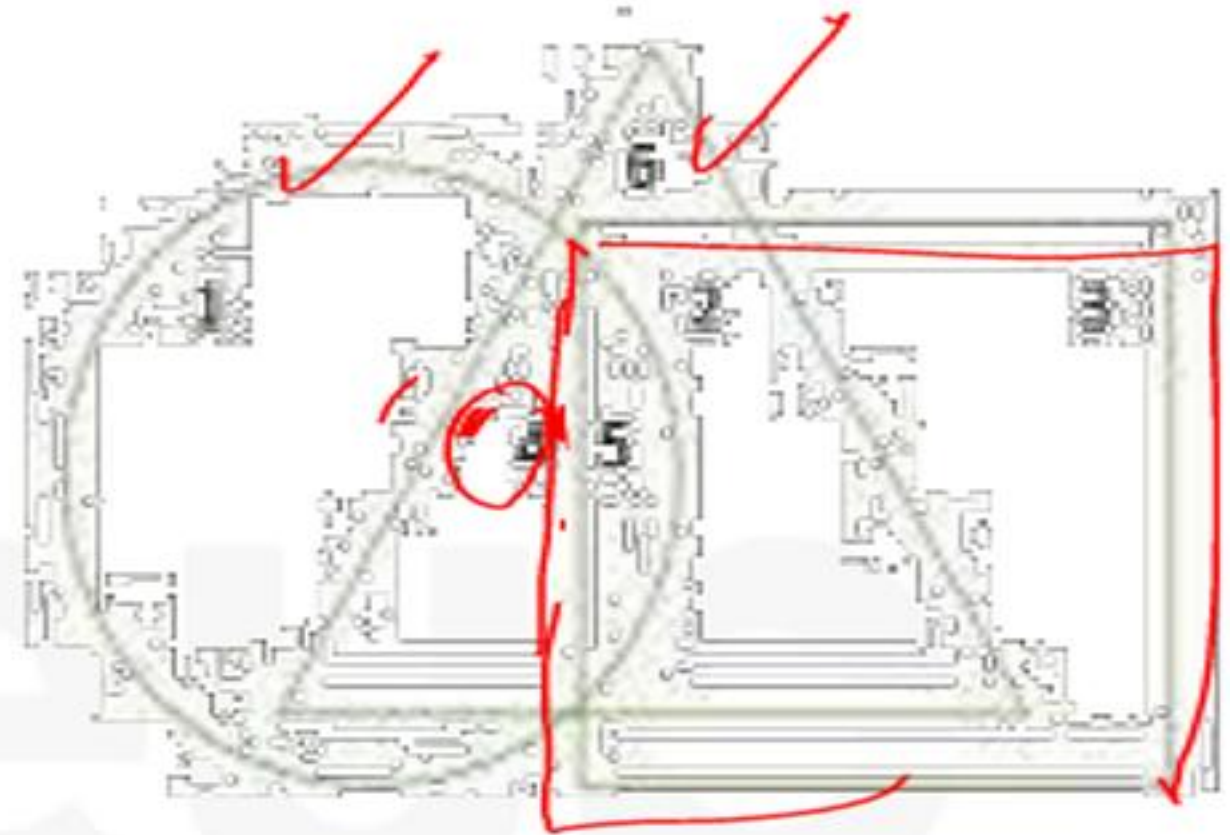
Ans. B

Q. In the given Venn diagram, the pentagon represents 'Cricketers', the square represents 'Chess players' and the circle represents 'Clerks'. The numbers given in the diagram represents the number of person in that particular category.
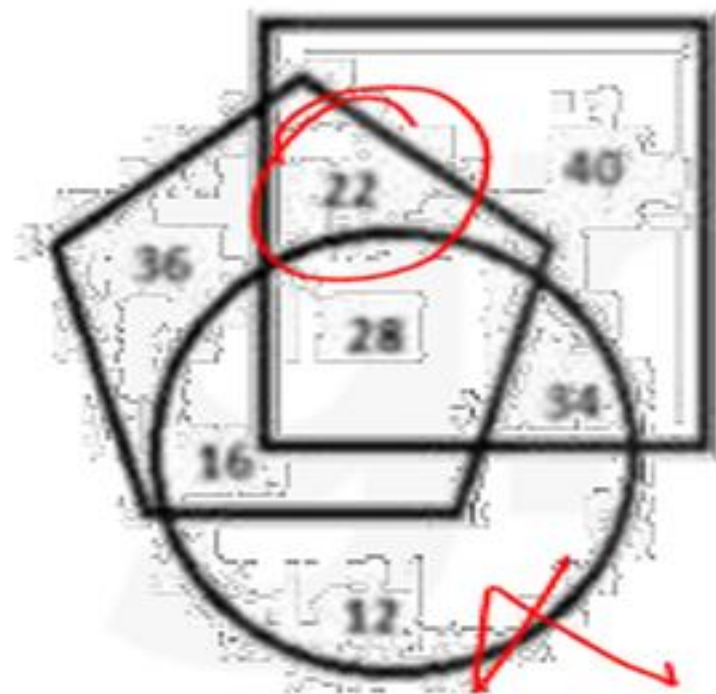
How many cricketers are chess players but NOT clerks?

A. 34   B. 22   C. 36   D. 40

Ans. B

Q. Identify the diagram that best represents the relationship among the given classes.

→ Alto, Wagoner

why ← Sedan, Hatchback, Car

A.

B.

C.

D.

Ans. C

Q. Identify the diagram that best represents the relationship among the given classes.

Festivals, Eid, Durga Pooja, Deepawali
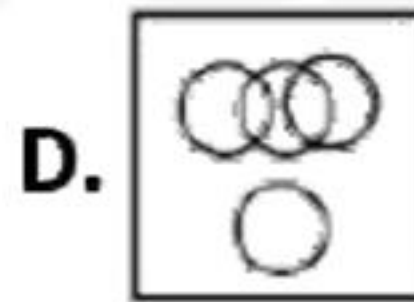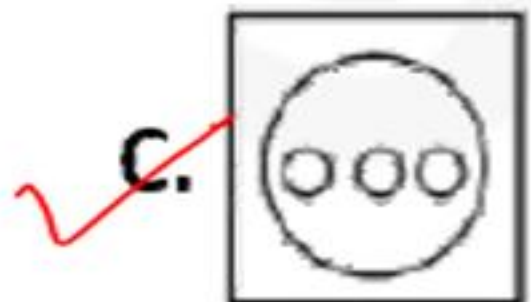
A.

B.

C.

D.

Ans. C

Q. Identify the diagram that best represents the relationship among the given classes.

Laptop, Mobile, TV

A   B   C   D

A. B   B. C   C. D   D. A

Ans. A

Q. Identify the diagram that best represents the relationship among the given classes.
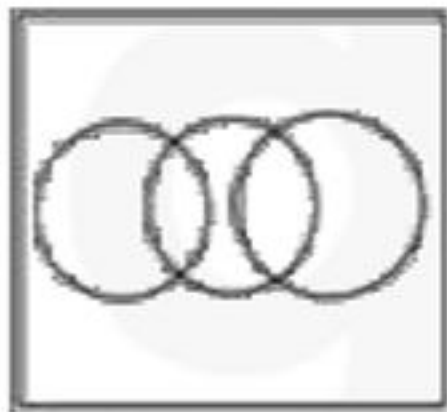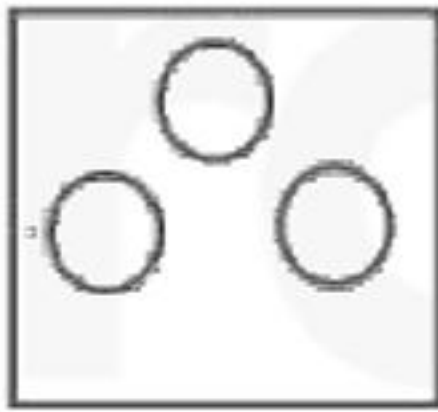
Coffee, Nescafé, Pepsi

A. A   B. B   C. C   D. D

Ans. D

Q. Identify the diagram that best represents the relationship among the given classes.

Animal, dog, chair, cow

A.

B.

C.

D.

Ans. B

Q. In a class, there are 80 students who study both Computer Science and Electronics. While 100 students study Computer Science, 120 students study Electronics. How many of them study Computer Science only?

एक कक्षा में 80विद्यार्थी कम्प्यूटर विज्ञान और इलेक्ट्रॉनिक्स दोनों पढ़ते हैं, जबकि 100 विद्यार्थी कम्प्यूटर विज्ञान तथा 120 इलेक्ट्रॉनिक्स पढ़ते हैं। उनमें से कितने केवल कम्प्यूटर विज्ञान पढ़ते हैं?

A. 100   B. 40

C. 180   D. 20

Only C·S = 100 − 80

20

C = 100   E = 120

20   80   40
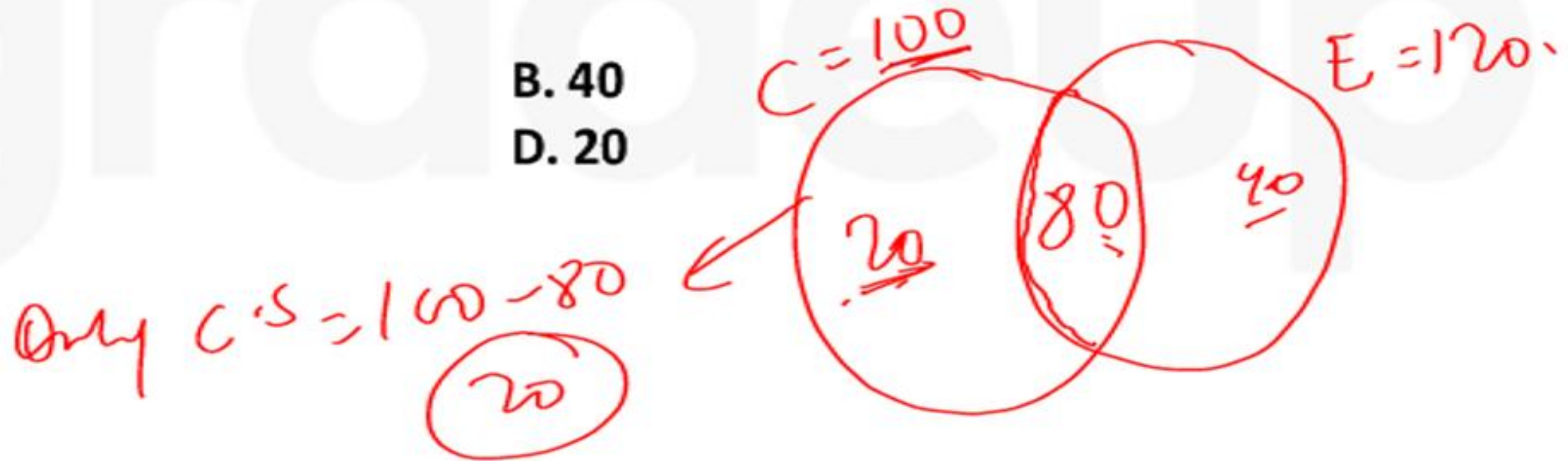
Ans. D

Q. From the details, find out the number of people who do not read any newspaper.

दिए गए विवरणों के आधार पर, कोई भी समाचार-पत्र न पढ़ने वाले लोगों की संख्या कितनी है?

$$420 - (85 + 200 - 60)$$

$$420 - (225) = 195$$

420

85
The
Hindu
60
200
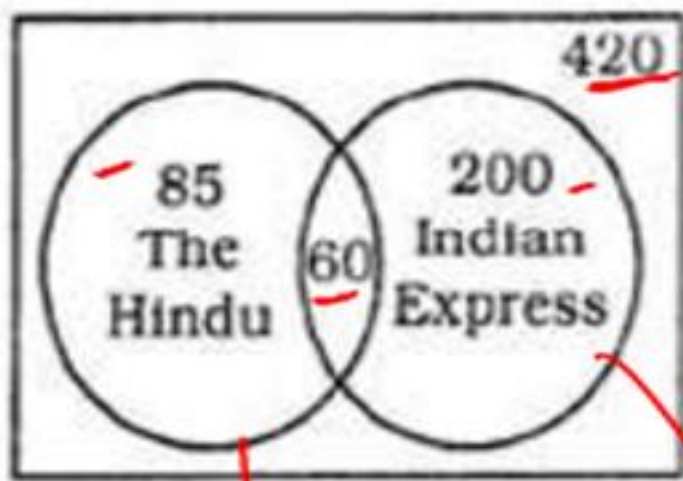Indian
Express

Only Indian Exp = 200 - 60 = 140

A. 175

B. 75

C. 195

D. 135

$$420 - (25 + 140 + 60)$$

$$420 - 225 = 195$$

Only Hindu = 85 - 60 = 25

Ans. C

Q. An official meeting is attended by 130 department employees. Of them, 66 drink tea, 56 drink coffee and 63 drink juice. 27 can drink either tea or coffee, 25 can drink coffee or juice and 23 can drink juice and tea. 5 employees can drink any of the three. How many drink only tea ?
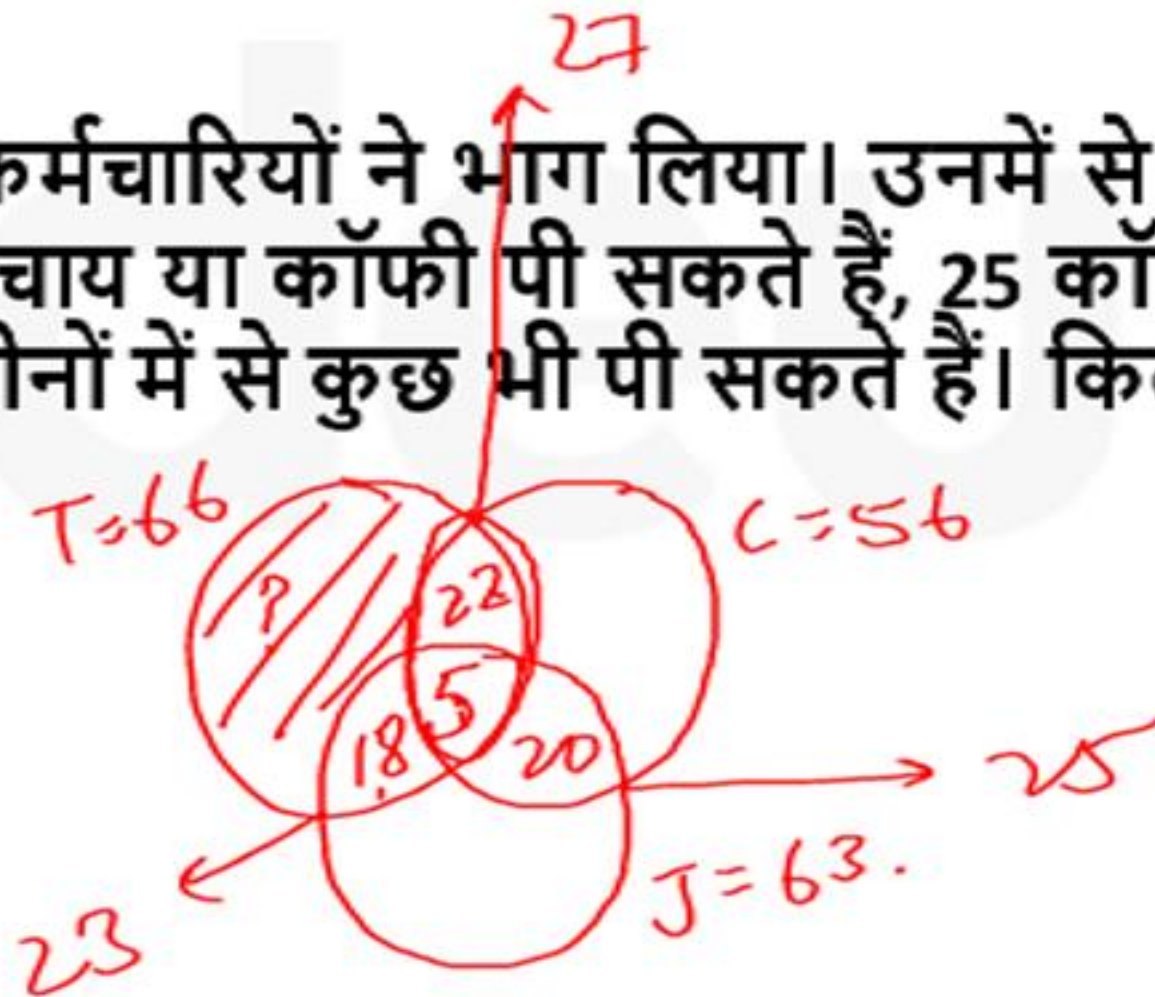
एक सरकारी बैठक में 130 विभागीय कर्मचारियों ने भाग लिया। उनमें से 66 चाय पीते है, 56 कॉफी पीते हैं और 63 जूस पीते हैं। 27 चाय या कॉफी पी सकते हैं, 25 कॉफी या जूस और 23 जूस या चाय पी सकते हैं। 5 कर्मचारी तीनों में से कुछ भी पी सकते हैं। कितने केवल चाय पीते हैं?

A. 21

B. 22

C. 18

D. 20

$66 - (18 + 5 + 22)$

$66 - 45 = 21$

27

T=66   C=56

?   22

5

18   20

J=63

23   25

Ans. A

Q. In a group of 20 people, 8 read Hindi, 11 read English while 5 of them read none of these two. How many of them read Hindi and English both?
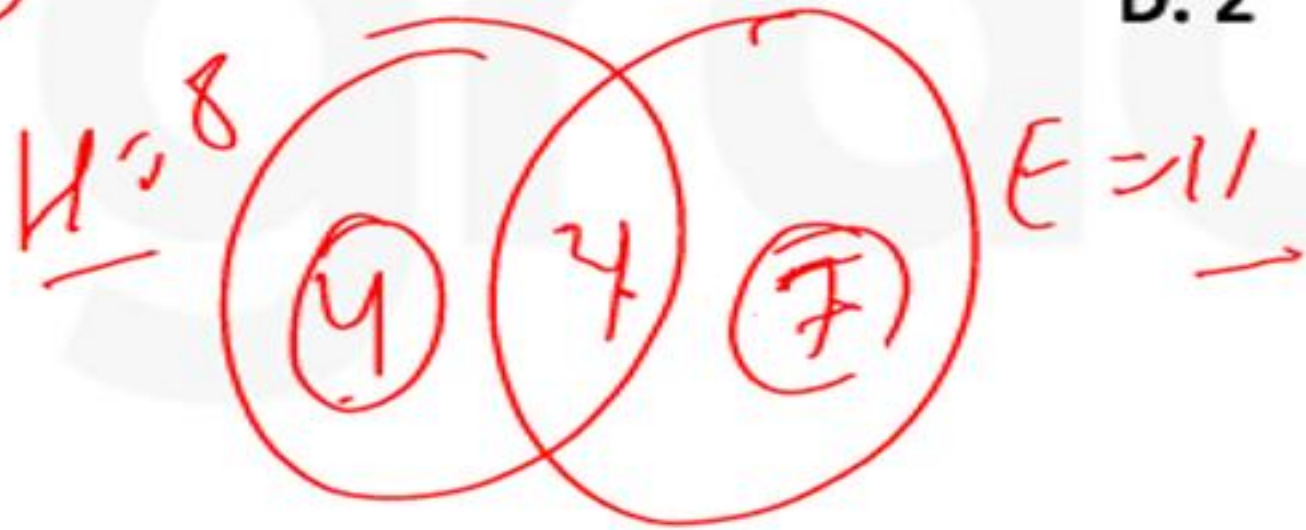
20 लोगों के एक समूह मे, 8 लोग हिन्दी पढतें हैं, 11 लोग अंग्रेजी पढतें हैं, जबकि 5 लोग इन दोनो में से कुछ नहीं पढते हैं । उनमे से कितने लोग हिन्दी और अंग्रजी दोनो पढतें हैं

A. 8   B. 6

C. 4   D. 2

H : 8   (4) (4) (7)   E = 11   (11 + 8) = 19 − 15 = (4)

Ans. C

Q. Consider the Venn diagram given below. It shows the number of students who got distinction in three subjects out of 500 students. What is the percentage of students who got distinction in only two subjects?

नीचे दिए गए वेन आरेख पर विचार करें। यह उन छात्रों की संख्या को दर्शाता है, जिन्होंने तीन विषयों में 500 छात्रों में से विशेष योग्यता प्राप्त की। सिर्फ़ दो विषयों में विशेष योग्यता प्राप्त करने वाले छात्रों का प्रतिशत क्या है?

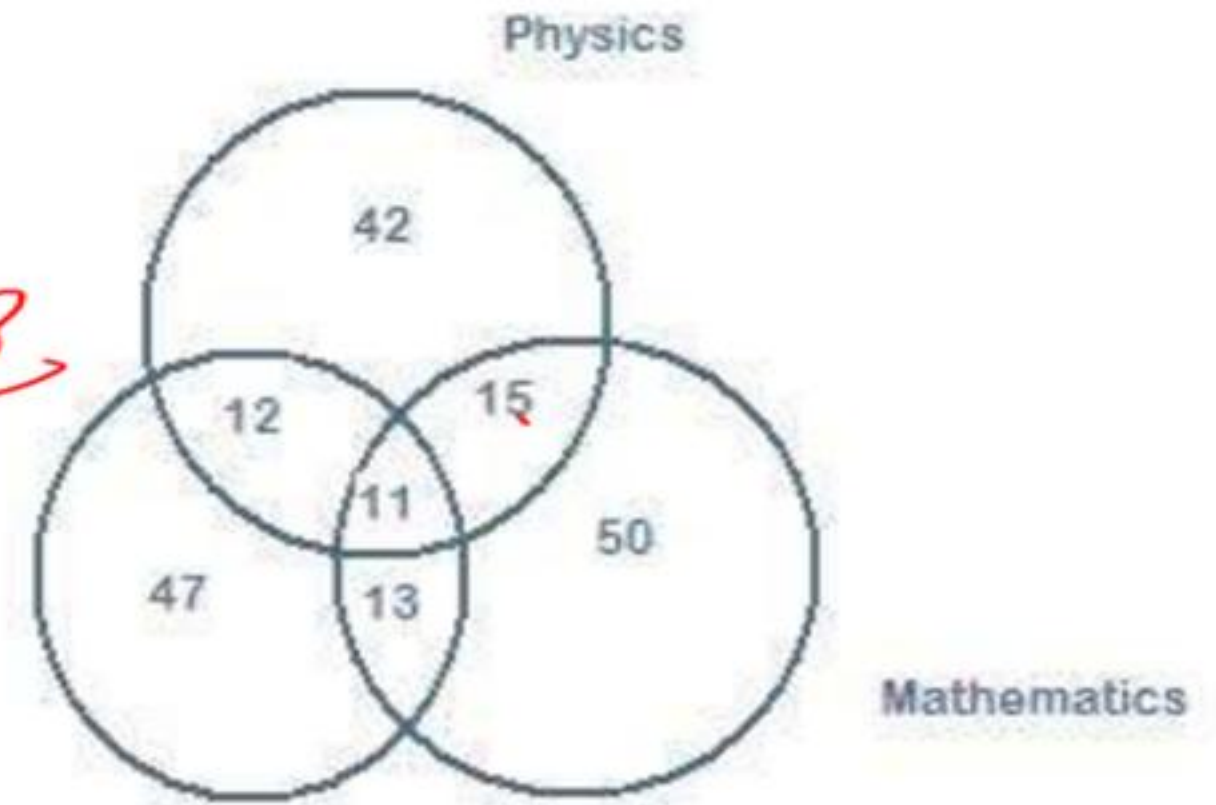A. 8%

B. 9%

C. 10%

D. 12%

Ans. A

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Sahi Prep Hai Toh Life Set Hai

| Practise topic-wise quizzes | Keep attending live classes |

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