

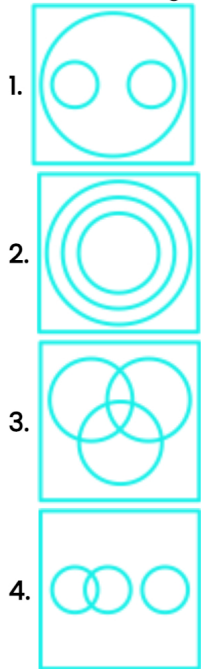
Date : 21st Dec 2023

Logical Reasoning - Venn Diagram

English

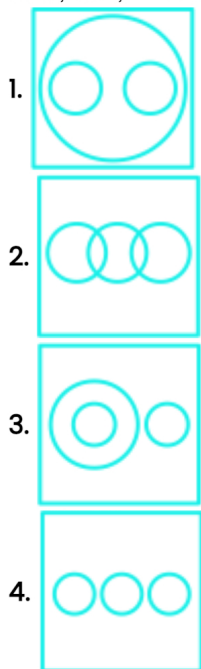
Q:1 Choose the figure that is the best representation of the relationship shared by the three given entities:

Human beings, Men, Women



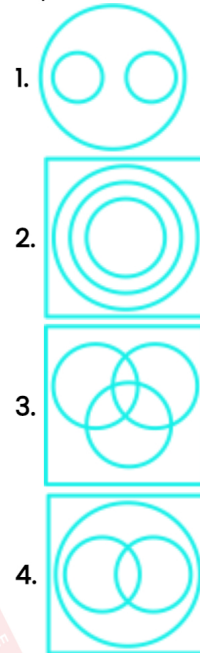
Q:2 Choose the diagram that correctly represents the relation between the following elements:

Bike, Bus, Vehicle



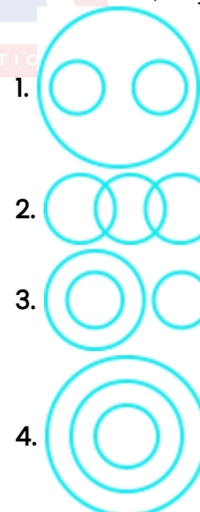
Q:3 Choose the figure that best represents the relation among the following three elements:

Lily, Lotus, Flower



Q:4 Choose the diagram which represents the correct relation among the following given elements.

Amber fort, Rajasthan, Jaipur



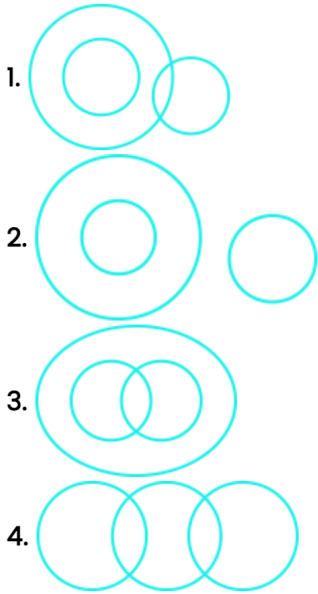
Q:5 Select the appropriate Venn diagram which shows the correct relation of given words.

Carnivores animals, Lions, Cow

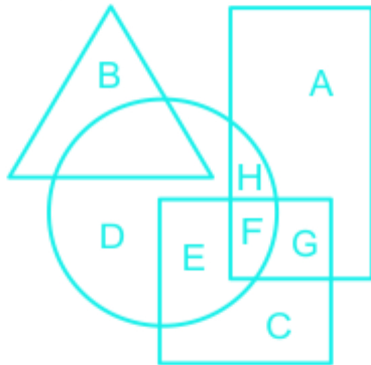
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Logical Reasoning - Venn Diagram

English

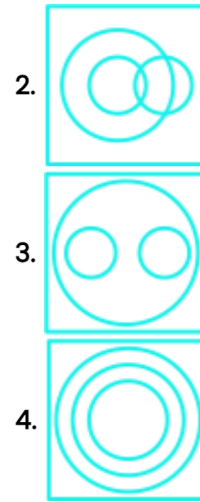


Q:6 In the following figure, the square represents dancers, the triangle represents architects, the circle represents musicians and the rectangle represents Indians. Which set of letters represents Indians who are not dancers?

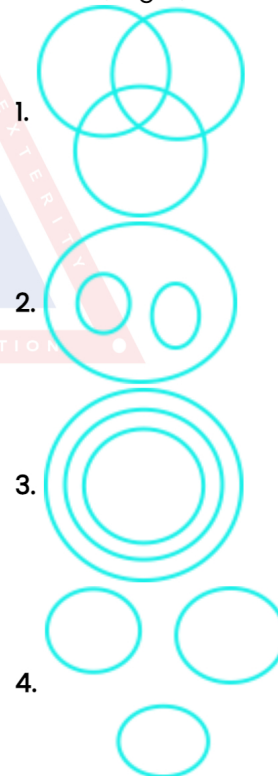


1. FGBK
2. AH
3. EC
4. HFE

Q:7 Choose the figure that best represents the relation among the following three elements:
Mammal, Dog, Hen



Q:8 Identify the diagram that best represents the relationship among the given classes.
Insects, Tiger, Deer



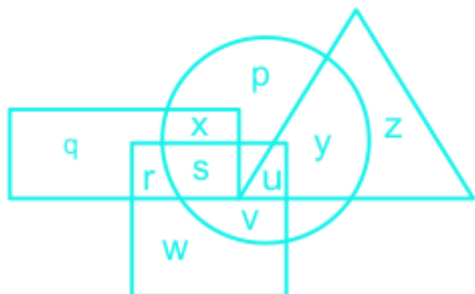
Q:9 In the given figure, Circle represents those people who are Foolish, the Square represents those people who are Dull, Rectangle represents those who are Intelligent and Triangle represents those who are Creative. Find the people who are

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either only Creative and Foolish or only Intelligent and Foolish.

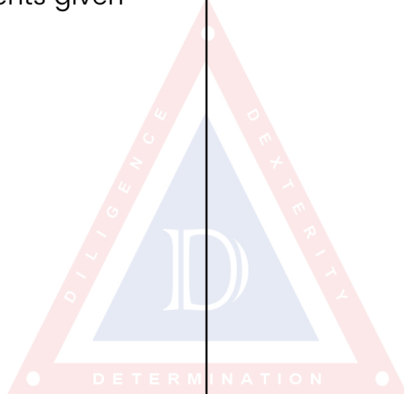


1. y, u, and x
2. x, s, and y
3. y and x
4. u, y, x, and s

Q:10 Choose the venn diagram which shows the correct representation of the three elements given below.

Cancer, Disease, Tuberculosis (TB)

1. 
2. 
3. 
4. 



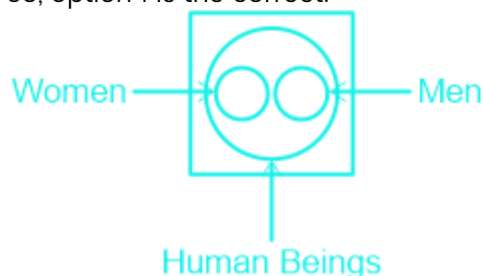
Answer Key

1. (1)	2. (1)	3. (1)	4. (4)	5. (2)
6. (2)	7. (1)	8. (4)	9. (3)	10. (3)

Answers and Solutions

Q:1 The correct answer is **Option 1**

As men and women, both are human beings so they come under the big circle of human beings. So, option 1 is the correct.



Hence, the correct answer is **option 1**.

Q:2 The correct answer is **Option 1**



All Bikes and Buses are vehicles but no bike is a bus.

Hence, the correct answer is **Option 1**.

Q:3 The correct answer is **Option 1**

Lily and Lotus are two different flowers.

Thus, option 1 gives the best representation of their relation.



Hence, the correct answer is **option 1**.

Q:4 The correct answer is **Option 4**.

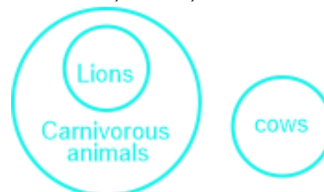
The correct diagram is as follows:



The Amber Fort is situated in Jaipur and Jaipur is situated in Rajasthan.

Q:5 The correct answer is **Option 2**

The appropriate Venn diagram of Carnivores animals, Lions, Cow would be:



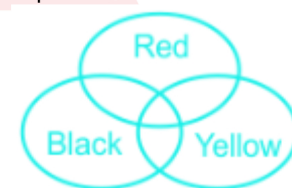
Lions come in carnivore animals but the cow is not. So option 2 is right.

Hence, **option 2** is the correct answer.

Q:6 The correct answer is **Option 2** i.e. **AH**

Square - dancers,
Triangle - architects,
Circle - musicians,
Rectangle - Indians.

Indians who are not dancers will be represented by the area enclosed within the rectangle but not the square.



Such areas are A and H.

Hence, the correct answer is **AH**.

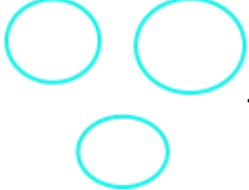
Q:7 The correct answer is **Option 1**

Dog is a Mammal while Hen is not.

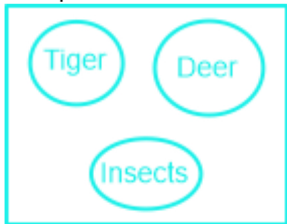
Thus, option 1 gives the best representation of their relationship.



Q:8 The correct answer is **Option 4** i.e.



The possible Venn diagram is:

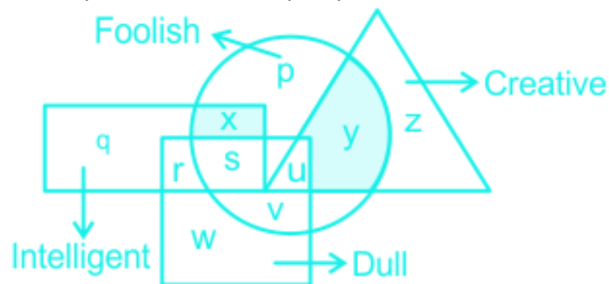


Insects, tigers, and deer are all three different classes.

Hence, the diagram given above shows the best relationship between them.

Q:9 The correct answer is **Option 3** i.e. **y and x**

The representation of people is as follows:



The people who are only Creative and Foolish - y

The people who are only Intelligent and Foolish - x

The people who are either only Creative and Foolish or only Intelligent and Foolish - **y and x**

Q:10 The correct answer is **option 3**.

Tuberculosis and Cancer are two types of Diseases.

