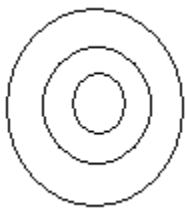


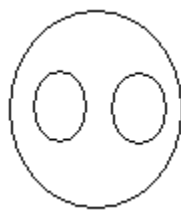
SSC Combined Higher Secondary Level Examination 2012

Logical Venn Diagrams (Practice)

Directions (Questions 1 to 10): Each of the questions below contains three elements. These three elements may or may not have some linkage. Each group of the elements may fit into one of the diagrams at (a), (b), (c), (d) and (e). You have to indicate groups of elements in each of the questions fit into which of the diagrams given below. The letter indicating the diagram is the answer.



(a)



(b)



(c)



(d)

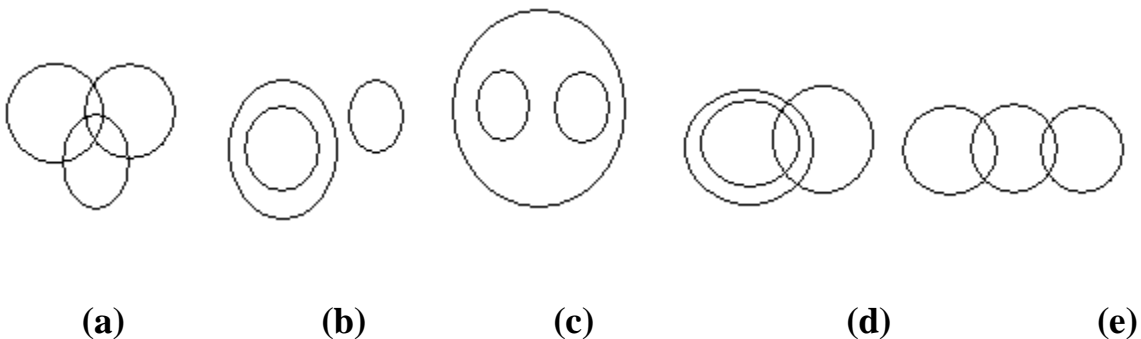


(e)

1. House, Bedroom, Bathroom
2. Vegetables, Potato, Cabbage
3. Week, Day, Year
4. Mustard, Barley, Potato

5. Bus, Car, Vehicle
6. Judge, Thief, Criminal
7. Husband, Wife, Family
8. Square, Rectangle, Polygon
9. Anxiety, Intelligence, Strength
10. Table, Chair, Furniture

Directions (Questions 11 to 20): In the following questions, three classes are given. Out of the five figures that follow, you are to choose which figure will best represent the relationship amongst the three classes.



11. Tea, Coffee, Beverages
12. Elephants, Wolves, Animals
13. Metal, Iron, Chlorine
14. Mammals, Cows, Crows

15.Women, Mothers, Widows

16.Boys, Students, Athletes

17.Authors, Teachers, Men

18.Bihar, Kerala, India

19.Automobiles, Cars, Motor-cycles

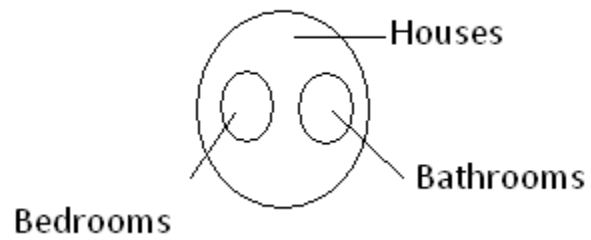
20.Brick, House, Bridge

Answers Keys:-

| Q | A | Q | A |
|----|-----|----|-----|
| 1 | (b) | 11 | (c) |
| 2 | (b) | 12 | (c) |
| 3 | (a) | 13 | (b) |
| 4 | (c) | 14 | (b) |
| 5 | (b) | 15 | (d) |
| 6 | (e) | 16 | (a) |
| 7 | (b) | 17 | (a) |
| 8 | (a) | 18 | (c) |
| 9 | (c) | 19 | (c) |
| 10 | (b) | 20 | (e) |

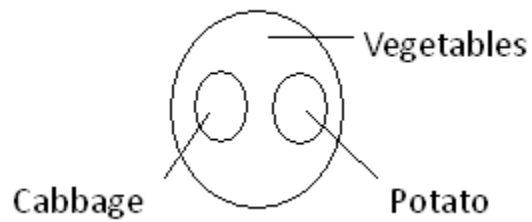
Answers Explanation:-

1. (b)



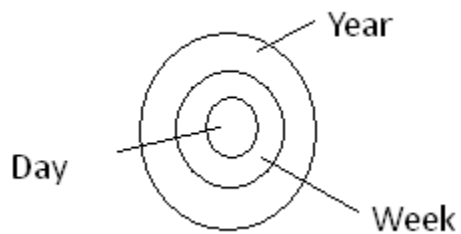
Both Bedroom and Bathroom are different parts of Houses.

2. (b)



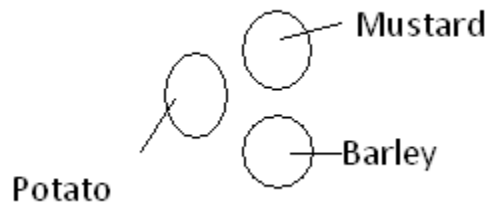
Both Cabbage and Potato are different Vegetables.

3. (a)



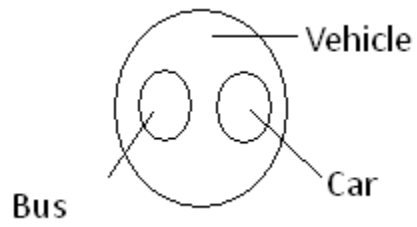
An year consists of weeks and a week consists of days.

4. (c)



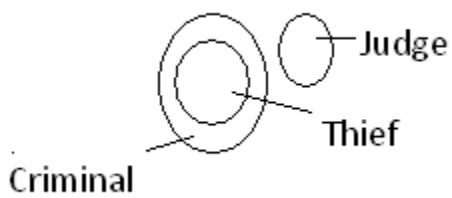
All are different.

5. (b)



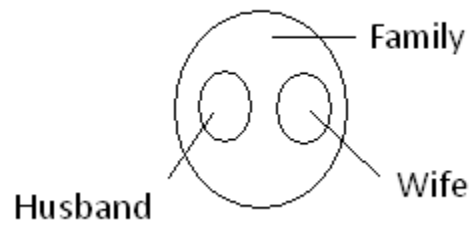
Car and Bus is two different Vehicles.

6. (e)



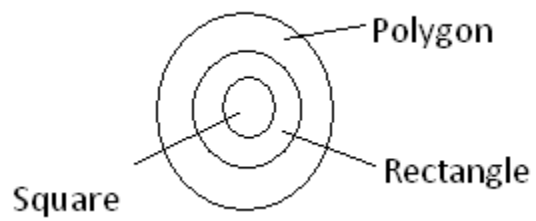
All thieves are criminals. But judge is different.

7. (b)



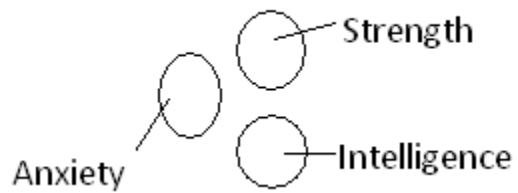
Husband and wife are two different parts of a family.

8. (a)



All squares are rectangles and all rectangles are polygon.

9. (c)



All are different.

10. (b)

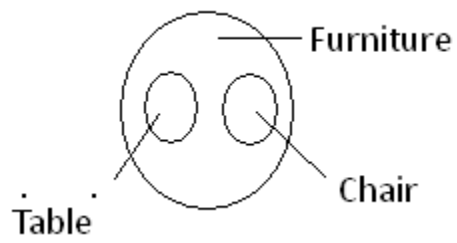
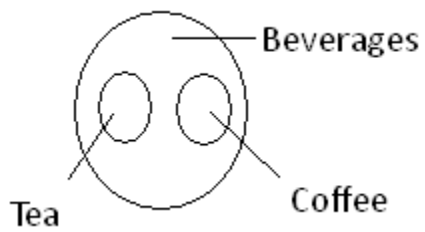


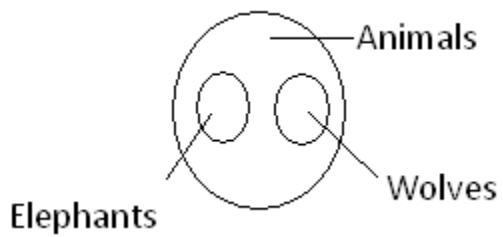
Table and chair are two different items of furniture.

11. (c)



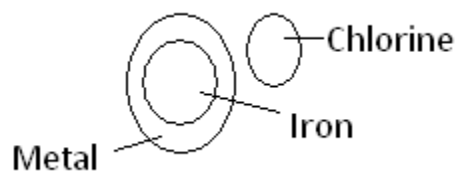
Tea and Coffee are two different types of Beverages.

12. (c)



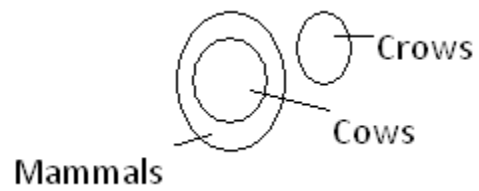
Elephants and Wolves are two different types of Animals.

13. (b)



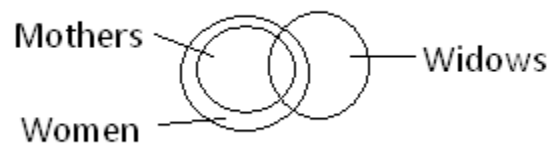
Iron is a metal. But Chlorine is different.

14. (b)



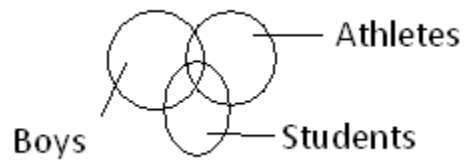
Cows are mammals. But crows are different.

15. (d)



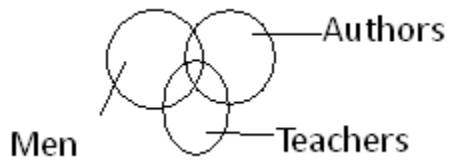
All mothers are women. Some mothers and some women can be widows.

16. (a)



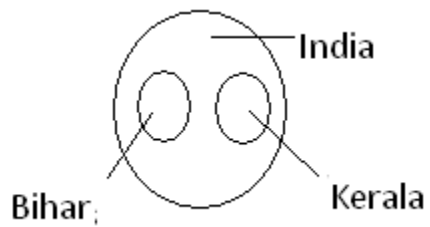
Some boys are students. Some students are athletes. Some athletes are boys.

17. (a)



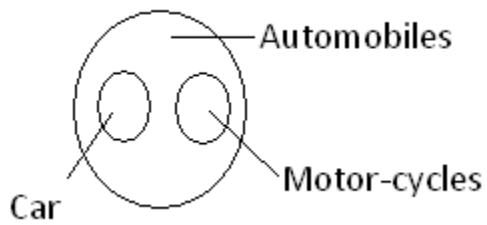
Some men are teachers. Some teachers are authors. Some authors are men.

18. (c)



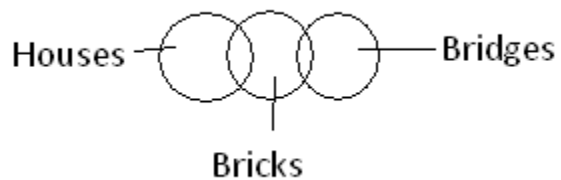
Bihar and Kerala are two different Indian states.

19. (c)



Car and Motor-cycles are entirely different Automobiles.

20. (e)



Some Houses and some Bridges are made of Bricks.

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