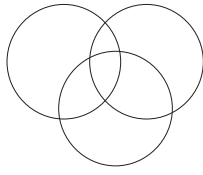
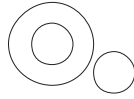


Venn Diagram

Directions (1-10): In the following questions, three classes are given. Out of the five figures that follow, you are to indicate which figure will best represent the relationship amongst the three classes.



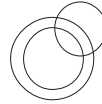
a.



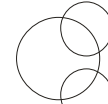
b.



c.



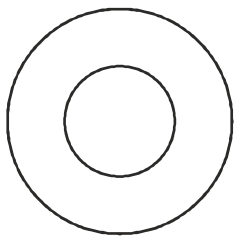
d.



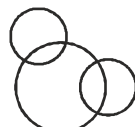
e.

1. Elephants, Wolves, Animals
2. Metal, Iron, Chlorine
3. Mammals, Cows, Crows
4. Women, Mothers, Widows
5. Authors, Teachers, Men
6. Kerala, Bihar, India
7. Automobiles, Cars, Motor-cycles
8. Brick, House, Bridge
9. Tea, Coffee, Beverages
10. Boys, Students, Athletes

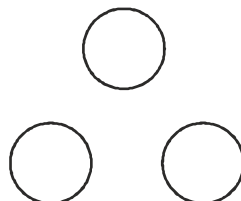
Directions (11-15): Each of these questions below contains three groups of things. You are to choose from the following five diagrams, the one that depicts the correct relationship among the three groups of things in each question.



a.



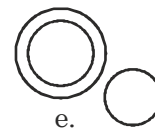
b.



c.



d.

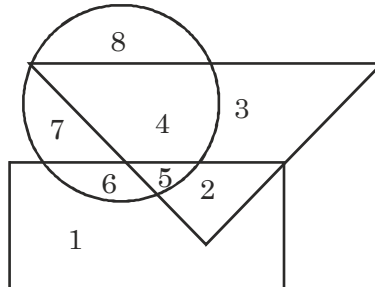


e.

11. Shirt, Collar, Pocket
12. Petals, Bouquet, Flowers
13. Dogs, Pets, Cats
14. Brinjal, Meta, Vegetables
15. Rhombus, Quadrilaterals, Polygons

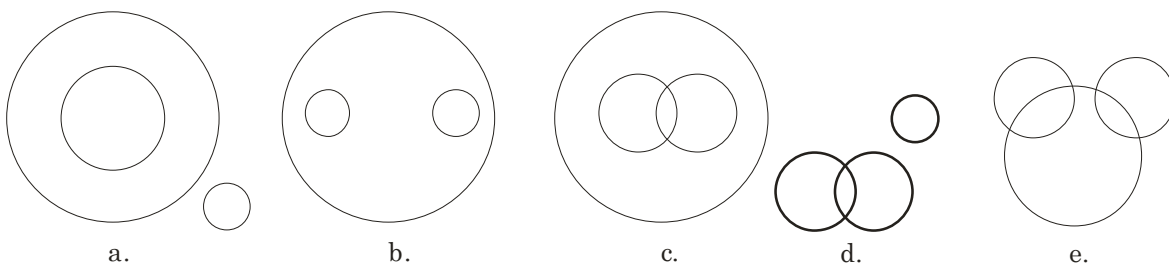
Venn Diagram

Directions (16-20): In the following questions, answers are to be based on the diagram given below, where the triangle represent doctors, the circle represents player and the rectangle represented artists.



16. Which numbered space in the diagram represents doctors who are also players and artistes?
 - a. 2
 - b. 3
 - c. 4
 - d. 5
17. Which number represents artists who are also players only?
 - a. 4
 - b. 6
 - c. 7
 - d. 8
18. Which number represents artists who are neither players nor doctors?
 - a. 1
 - b. 2
 - c. 3
 - d. 4
19. Which number represents doctors who are neither players nor artists?
 - a. 2
 - b. 3
 - c. 4
 - d. 5
20. Which numbers represent players who are neither artists nor doctors?
 - a. 1, 2
 - b. 3, 4
 - c. 6, 7
 - d. 7, 8

Direction (21-25): Choose the Venn diagrams which best illustrates the three given classes in each of the following questions:

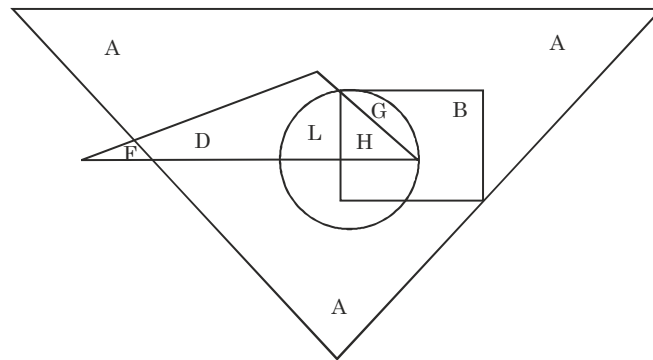


21. Paper, Stationery, Ink
22. Dog, Animal, Pet

Venn Diagram

- 23. Science, Physics, Chemistry
- 24. Atmosphere, Hydrogen, Oxygen
- 25. Dog, Carnivore, Tiger

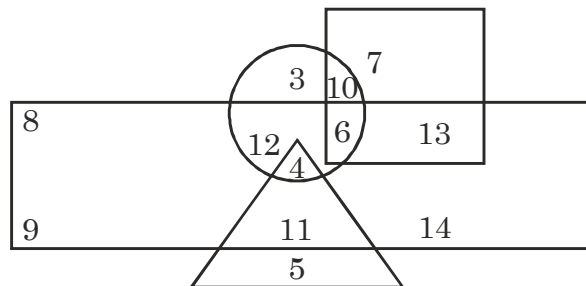
Directions (26-30): Study the figure carefully and answer the given questions



Here, big triangle represents, artists, small triangle represents scientists, rectangle represents dancers and circle represents doctors.

- 26. Which letter represents the artists who are doctors and dancers only?
 - a. A b. D c. G d. H
- 27. Which letters represent the artists who are neither scientists nor doctors?
 - a. A and B b. A and L c. B and G d. L and H
- 28. Which letters represent the artists who are dancers as well as doctors?
 - a. A and D b. C and A c. C and D d. G and H
- 29. Which letter represents the artists who are neither doctors nor scientists nor dancers?
 - a. A b. D c. F d. G
- 30. Which letter represents the scientists who are not artists?
 - a. B b. D c. F d. L

Directions (31-23): The following questions are based on the diagram given below:



Venn Diagram

- a. Rectangle represents males
- b. Triangle represents educated
- c. Circle represents urban
- d. Square represents civil servants

31. Who among the following is an educated male who is not an urban resident?

- a. 4 b. 5 c. 9 d. 11

32. Who among the following is neither a civil servant nor educated but is urban and not a male?

- a. 2 b. 3 c. 6 d. 10

33. Who among the following is a female, urban resident and also a civil servant?

- a. 6 b. 7 c. 10 d. 13

34. Who among the following is an educated male who hails from urban area?

- a. 4 b. 2 c. 11 d. 5

35. Who among the following is uneducated and also an urban male?

- a. 2 b. 3 c. 11 d. 12

36. Who among the following is only a civil servant but not a male nor urban oriented and uneducated?

- a. 7 b. 8 c. 9 d. 14

37. Who among the following is a male, urban oriented and also a civil servant but not educated?

- a. 13 b. 12 c. 6 d. 10

ANSWER

1. (c) 2. (b) 3. (b) 4. (d) 5. (a) 6. (c)
7. (c) 8. (e) 9. (c) 10. (a) 11. (d) 12. (a)
13. (d) 14. (e) 15. (a) 16. (d) 17. (b) 18. (a)
19. (b) 20. (d) 21. (b) 22. (c) 23. (b) 24. (b)
25. (b) 26. (c) 27. (a) 28. (d) 29. (a) 30. (c)
31. (d) 32. (b) 33. (c) 34. (a) 35. (d) 36. (a)
37. (c)