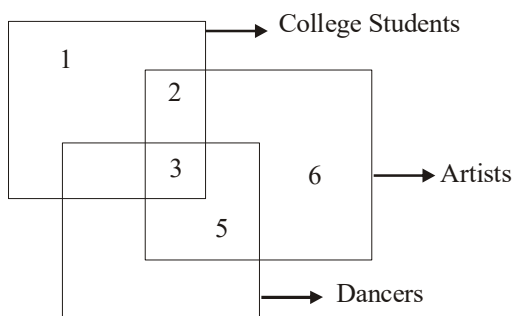


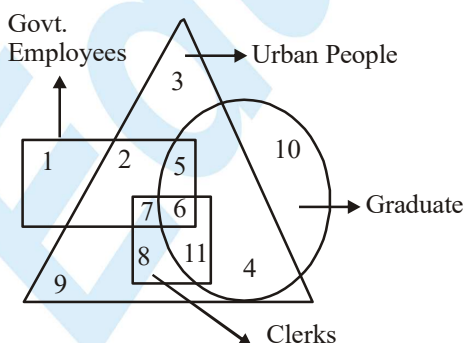
VENN DIAGRAM

Directions: (1-6) From the diagram given, answer the following questions.



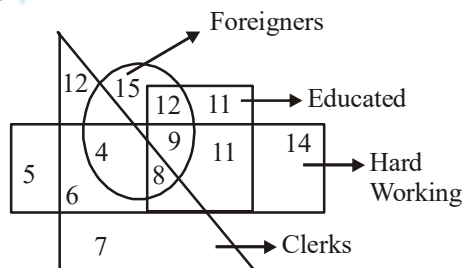
1. College students who are neither dancers nor artists are indicated by
(1) 2 (2) 4
(3) 1 (4) 5
2. College students who are dancers and artists both are indicated by
(1) 2 (2) 1
(3) 4 (4) 3
3. Dancers who are neither artists nor college students are indicated by
(1) 5 (2) 7
(3) 3 (4) 2
4. College students who are artists but not Dancers are indicated by
(1) 1 (2) 2
(3) 3 (4) 4
5. Artists who are neither Dancers nor College students are indicated by
(1) 3 (2) 4
(3) 5 (4) 6
6. College students who are dancers but not Artists are indicated by
(1) 4 (2) 5
(3) 3 (4) 2

Directions : In the following figure, the rectangle represents govt. employees, the circle represents graduates, the square represents clerks and the triangle represents urban people.



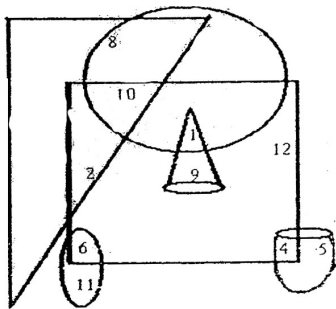
7. Which of the following number represents Urban govt. employees, who graduates but not clerks?
(1) 5 (2) 6
(3) 11 (4) 7
8. Which number represents clerks who are govt. employees but are neither graduate nor live in urban areas?
(1) 2 (2) 1
(3) 3 (4) None of these
9. Which of the following statement(s) is/are true?
(1) All graduates are from urban areas.
(2) All graduates are govt. employees.
(3) Some clerks are govt. employees.
(4) No clerk is from urban areas.
10. Choose the correct statement.
(1) All govt. employees are graduates.
(2) All govt. employees are clerks.
(3) All clerks are govt. employees but not graduates.
(4) Some govt. employees are graduates as well as clerks.

Directions: In the figure shown, circle represents foreigner, square represents educated, rectangle represents hard working and triangle represents clerks.



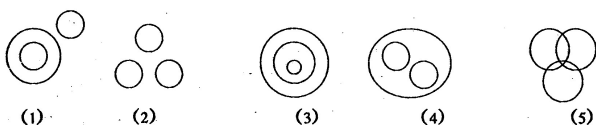
11. What is the number of foreigners, who are both educated and clerks?
(1) 8 (2) 12
(3) 5 (4) 9
12. What is the number of educated people?
(1) 29 (2) 50
(3) 52 (4) 46
13. What is the number of hard working people, who are not foreigners?
(1) 12 (2) 17
(3) 35 (4) 8
14. What is the number of clerks?
(1) 50 (2) 52
(3) 40 (4) 60
15. What is the number of foreigners, who are clerk and hard working person?
(1) 7 (2) 12
(3) 27 (4) 8

Directions: In the following diagram there is triangle a circle, a cone, a square, a hemisphere and an elliptical figures. The different segments are numbered from 1-12. Answer the following questions.



16. Which of the number given below is inside the circle but outside the cone and the triangle?
(1) 7 (2) 8
(3) 10 (4) 12
17. What is the sum total of all the numbers that appear at least in two components of the diagram?
(1) 36 (2) 39
(3) 40 (4) 42
18. Multiply the number that appear in hemisphere but is outside all other components with the sum total of the numbers that appear in the cone. If result is less than 40, divide it by 2, if not then divide it by 10. The number so obtained is
(1) 25 (2) 16
(3) 5 (4) 4
19. If you subtract the sum of those numbers which appear in the triangle alone from the sum of those numbers that appear in the triangle as well as in the circle both, the correct result would be
(1) 7 (2) 15
(3) 20 (4) 13
20. Which one of the following is in the circle, triangle and the square but outside hemisphere and the elliptical figure?
(1) 8 (2) 10
(3) 2 (4) 7

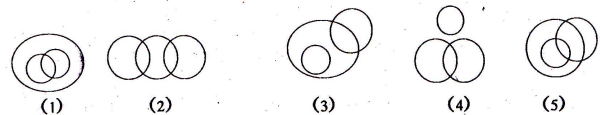
Directions: You are required to choose from the five diagrams, the one that represent the best relationship amongst the three given classes.



21. Seed, Leaf, Root
22. Mammal, Whale, book
23. Electron, Proton, Neutron

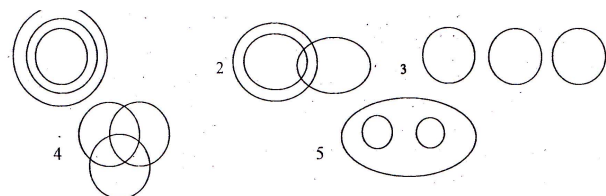
24. Hours, Minutes, Seconds
25. Prime Minister, Chief Minister, District Magistrate

Directions: You are required to choose from the five diagrams, the one that represent the best relationship amongst the three given classes.



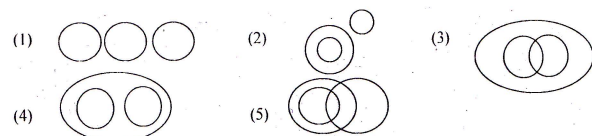
26. Human beings, Postgraduates, Teachers
27. Men, Cricketers, Married men
28. Male, Lawyers, Nephew
29. Students, Children, Birds
30. Doctors, Females, Furniture

Directions: There are five diagrams given below which represent the relationships between three groups/classes. Choose the diagram which represents best the relationship in each of the questions.



31. Horse, elephant, dog
32. Horses, donkeys, animal
33. Individuals, men, mortal
34. Students, schoolboys, cricket players
35. Pigeons, goats, lion

Direction: Choose from the figures given below the diagram to represent the relation among the three classes given in each of the questions below.



36. Paper, books, stationary
37. Females, teachers, teaching staff
38. Cherry, Fruits, Vegetable
39. Trains, buses, means of transportation
40. Engineers, educated, builders

VENN DIAGRAM

1. (3) 2. (4) 3. (1) 4. (2) 5. (4)
6. (1) 7. (1) 8. (4) 9. (3) 10. (4)
11. (1) 12. (2) 13. (3) 14. (3) 15. (2)
16. (1) 17. (3) 18. (3) 19. (2) 20. (2)
- 21.(2) they all are different individual sets.
- 22.(1) Whale is a mammal. Book is a different set.
- 23.(2) They all are different individual sets.
- 24.(3) Seconds makeminutes and minutes make hour.
- 25.(2) They all are different individual sets.
- 26.(1) All postgraduates and teachers are human-beings. Some of the teachers are postgraduates
- 27.(5) Married men is a subset of men and some cricketers can be married as well as men.
- 28.(5) All nephews are male. Sme of the lawyers can be both nephew and a male.
- 29.(4) Some children can be studets. Bird is a different set.
- 30.(4) Some of the doctors can be females. Furniture is a different set.
- 31.(3) All the three are different from one another.
- 32.(5) Horses and donkeys are different but both are animals.
- 33.(1) All indivduals are men, all men are mortal.
- 34.(2) All School boys are students, Some students and some boys are cricket players.
- 35.(3) All the three are different.
- 36.(4) Papers are not books but both are stationary
- 37.(5) All teachers are teaching staff and some teachers and some teaching staff are female.
- 38.(2) Cherries are fruits but vegetable is neither a cherry not a fruit.
- 39.(4) Neither trains are buses nor buses are trains but both are means of transportation.
- 40.(5) All engineers are educated, some engineers and educated are builders.

