Chapter 2

Odd One Out

Classification means to define groups of people or things, arrange by class or category and then find out different things or odd one out.

In this part out of a group, one people or things differ from remaining other words, they are having some common properties. They may like as a international, national level information history, science, alphabet and numerical analogy, Classification having 3 types which are below :

(a) Classify among words and people (TYPE-1)

(b) Classify among pair of word (TYPE-2)

(c) Odd one out among set. (TYPE-3)

Solved Examples

TYPE – 1 :

In this type, among four options three objects or things having same properties.

1. (a) Lawyer   (b) Legislator
    (c) Mayor   (d) Governor

Sol. Last 3 options are related to the politics and first option does not follow. So, Lawyer is the odd one.

2. (a) Acute   (b) Parallel
    (c) Right   (d) Obtuse

Sol. Acute, Right, obtuse are types of triangle - angle rather parallel is a property of line

3. (a) 50   (b) 120
    (c) 145   (d) 37

Sol. 37 is not divisible by 5 and rest numbers are divisible by 5.

4. (a) Kanpur   (b) Allahabad
    (c) Varanasi   (d) Mathura

Sol. All except Mathura, are situated on the bank of river Ganga.

Type – 2 :

In previous type, there is a single word or thing is given which follow same type of properties. In this type we have a pair in it, 1st object related to another object with any specific properties, we have found that pair which doesn't follow it.

1. (a) Painter : Gallery   (b) Actor : Stage
    (c) Worker : Factory   (d) Student : Stage

Sol. Clearly, (d) is the odd one. In all other pairs, 2nd is the working place of the first.

2. (a) Ornithology : Birds   (b) Mycology : Fungi
    (c) Phycology : Algae   (d) Biology : Botany

Sol. Clearly, answer is (d). If all other pairs, 1st is study of second field.

3. (a) 8 – 64   (b) 9 – 81
    (c) 10 – 100   (d) 11 – 131

Sol. **(d)**; is the answer.
$8^2 = 64$, $9^2 = 81$, $10^2 = 100$, $11^2 = 121$

Type – 3 :

In this type, pairs are given with minimum 3 digit or object which are correlated to each other with any specific property

1. (a) (3, 9, 27)   (b) (5, 25, 125)
    (c) (6, 36, 216)   (d) (9, 81, 728)

Sol. Clearly, (d) is the odd one, which does not follow continue powers of 9.

2. (a) 5, 10, 15, 20   (b) 6, 12, 18, 24
    (c) 8, 60, 10, 40   (d) 15, 30, 45, 60

Sol. Option (c) does not follow the multiples of digit 8 rather remaining have 1 : 2 : 3 : 4 ratio.

Exercise Questions

1. (a) CFIL (b) PSVX
    (c) JMPS (d) ORUX
2. (a) XW (b) PO
    (c) FG (d) ML
3. (a) EBD (b) QNO
    (c) IFH (d) YVX
4. (a) xXYA (b) hHIK
    (c) bBCE (d) iIMP
5. (a) Sun (b) Moon
    (c) Mars (d) Universe
6. (a) Faraday (b) Beethoven
    (c) Newton (d) Edison
7. (a) Inch (b) Foot
    (c) Yard (d) Quart
8. (a) Peak (b) Mountain
    (c) Hillock (d) Valley
9. (a) N M O L (b) P K Q I
    (c) RISH (d) TGUF
10. (a) Reader (b) Writer
    (c) Publisher (d) Reporter
11. (a) Island (b) Coast
    (c) Harbour (d) Oasis
12. (a) Carrot (b) Potato
    (c) Ginger (d) Cabbage
13. (a) AUgPZ (b) YGLHT
    (c) MXiDV (d) KFeC
14. (a) Cheras (b) Chandelas
    (c) Pallavas (d) Cholas
15. (a) 66-56 (b) 101-90
    (c) 41-30 (d) 33-22
16. (a) Stamp : letter (b) Ticket : Train
    (c) Ink : Pen (d) Car : Engine
17. (a) Army : General (b) Team : Captain
    (c) Creche : Infant (d) Meeting : Chairman
18. (a) Wolf (b) Cat
    (c) Dog (d) Fox
19. (a) 12 : 14 (b) 24 : 7
    (c) 37 : 4 (d) 42 : 4
20. (a) 1 (5) 2 (b) 5 (61) 4
    (c) 3 (17) 24 (d) 3 (17) 4
21. (a) 6348 (b) 5745
    (c) 9309 (d) 8452
22. (a) Cuba-Havana (b) Cannada : Otty
    (c) France : Paris (d) Austria : Vienna
23. (a) Dollar : USA (b) Won : Korea
    (c) Euro : UK (d) Euro : france
24. (a) Sumo (b) Maldives
    (c) Cricket (d) Baseball
25. (a) Wheat (b) Rice
    (c) Jowar (d) Beans
26. (a) BDW (b) DFU
    (c) FHS (d) EVE
27. (a) TOY (b) MOB
    (c) DEL (d) LTO
28. (a) NOON (b) NET
    (c) LEVEL (d) TEA
29. (a) M 14 O (b) T 21 V
    (c) J 12 L (d) R 19 T
30. (a) 63 (b) 81
    (c) 121 (d) 225

Exercise Solutions

1. **(b);** Except option second PSVX doesn't follows increment of letters by 3 place.

2. **(c);** The second alphabet is immediate previous letter of 1st alphabet. In option (c) it is just reverse.

3. **(b);** IFH, YVX and EBD are follow same format, that from first alphabet decrement of 3 place value and from second alphabet increment of 2 place value.

4. **(d);** IIMP does not follow second alphabet to third alphabet consecutive sequence.

5. **(d);** All three options sun, moon, mars, are present in universe.

6. **(b);** Faraday, Newton and Edison are scientist and Beethoven is a singer.

7. **(d);** Inch, foot and yard are measurement unit of length but quart is unit of volume.

8. **(d);** All except valley is related to hill field or elevated feature.

9. **(b);** Except in P K Q I, in all others there are two Pairs of opposite letters.

    N → M   O → L

    R → I   S → H

    T → G   U → F

10. **(a);** Writer, publisher and reporter are related to publication field and reader is used for a person.

11. **(d);** All except Oasis related to sea and oasis is related to desert.

12. **(d);** Carrot, potato, ginger grow underground but cabbage grow above the ground.

13. **(b);** Except in YGLHT, in all others the third letter is written in small letter

14. **(b);** Cheras, pallaras and cholas related to southern part of India and chandelas are related to northern India.

15. **(a);** 66 – 56 = 10   101 – 90 = 11

    41 – 30 = 11   33 – 22 = 11

16. **(d);** All except option (d), 1st object is part of 2nd object. But engine related to car, not car related to engine.

17. **(c);** All except option (c), 2nd object is head or main officer of the group.

18. **(b);** Except cat, all others belong to dog family.

19. **(c);** In each of pairs except (c), the product of the number is 168. Hence the answer is (c).

20. **(c);** In each of the alternatives except (c), the number inside it is greater than other two. Hence the answer is (c).

21. **(d);** All except option (d), the sum of all digit is 21.

22. **(b);** In each of the alternatives except (b), 2nd one is capital of first one.

23. **(c);** All except (c), first object is currency of second object.

24. **(b);** In each of alternative except (b), are name of games.

25. **(d);** Except Beans, all others are grains (cereals and coarse cereals)

26. **(d);** In each of alternatives except (d), from first letter to second letter increase by two of place value and 3rd letter is opposite of 2nd letter.

27. **(d);** All except (d), having middle letter a vowel.

28. **(d);** In each of alternatives except (d), reverse of given word also a meaningful word.

29. **(c);** All except option (c), middle digits is the average of place values of first and last letter.

30. **(a);** Except the number 63, all other numbers are perfect squares.