



Classification

Classification is the process of grouping various objects on the basis of their common properties like shape, size, category, colour, trait etc., and finding the odd object from the group.

e.g. Find the odd word from the group.

- (a) Dog (b) Cow
(c) Goat (d) Buffalo

Sol. (a) Except dog, all are herbivorous animals, i.e. feed on green grass, whereas dog is an omnivorous animal, i.e. feeds on flesh and vegetarian food.

So, the odd word from the group is dog.

Classification may be broadly divided into the following types

1. Word classification
2. Number classification
3. Letter classification

1. Word Classification

In word classification, the candidate is given a group of words which are related to one another in a particular manner. The candidate has to identify the odd word that does not belong to the group. The relationship among the word classification is generally based on the following.

- Synonym of words
- Antonym of words

Example 1 Find out the odd one.

- (a) Rose (b) Apple (c) Lotus (d) Lilly

Sol. (b) Except 'Apple', all others are kind of flowers.

Example 2 Find out the odd one.

- (a) Hindi
(b) Chinese
(c) Marathi
(d) Gujarati

Sol. (b) Except 'Chinese', all others are Indian language of different states. While Chinese is a language of China.

2. Number Classification

In number classification, there is a similarity among the numbers or group of numbers. The candidate has to identify the odd number or group of numbers which does not belong to the group. The number classification is generally based on the following similarities.

- Square and square root of a number
- Cube and cube root of a number
- Even and odd number
- Prime number
- Divisibility test of a number

Example 3 Find out the odd one.

- (a) 27 (b) 35
(c) 45 (d) 9

Sol. (b) Except 35, all others are multiple of 9.

Example 4 Find out the odd one.

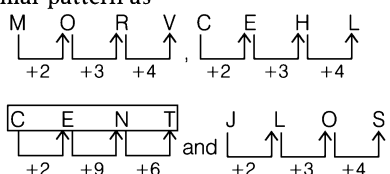
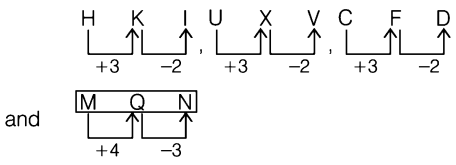
- (a) 57 (b) 87
(c) 7 (d) 133

Sol. (c) Except 7, all other numbers are non-prime (composite) numbers.

In letter classification, there is a similarity or pattern among the letters in the group and the candidate has to identify the pattern and select the one which does not follow the common pattern in the group. The relationship among the letters is based on the following,

[illegible]

Hints & Solutions

- Except 'Eraser', all others are used for writing.
- Except 'Banana', all others are vegetables.
- Except 'New Delhi', all others are state a capital. While, New Delhi is the capital of a country.
- India is a country, while all others are states.
- Except 'Work', all others are measuring units. Second measures the time, metre measures the length and kilogram measures the weight.
- Except 'Cake', all others are in liquid form.
- Except 'Ounce', all others are currency. While, ounce is a measuring unit.
- Except 'Cricket', all others are indoor games. While, cricket is an outdoor game.
- Except 'Circle', all others are made by straight lines. While, circle is made by curved line.
- Except 'April', all other months have 31 days but April has 30 days.
- Except 63, the sum of digits of all other numbers is 7.
- The pattern is as follows
 $(42, 14) \rightarrow 14 \times 3 = 42$
 $(69, 23) \rightarrow 23 \times 3 = 69$
 $(108, 36) \rightarrow 36 \times 3 = 108$
 But $(56, 19) \rightarrow 19 \times 3 = 57 \neq 56$
 So, option (d) is the odd one.
- Except 210, all others are square of natural numbers.
- Except 174, all others are multiple of 17.
- Except 214, in all other numbers, when we divide the number by 2, we get an even number.
- Except 4-32, in all other options the second number is the cube of first number.
- Except 'A', all others are consonants.
- Except RNJE, all others contain one vowel.
- Except option (c), all other options follow the similar pattern as

 From above, it is clear that letters' group CENT is different from all others.
- Except option (c), in all other options, the continuous letters in reverse order are given.
- Except MQN, all others follow similar pattern as

- Except option (a), all other options have 5 letters where as option (a) has 4 letters.
- Except OPRS, all others follow increasing order as +1, +1 and +2.



Try Yourself

Directions (Q.Nos. 1-10) Choose the odd word/number/letters' group from the given alternatives.

- (a) Lungs (b) Liver (c) Kidney (d) Ear
- (a) Feeling (b) Joy (c) Anxiety (d) Anger
- (a) Coffee (b) Curd (c) Milk (d) Tea
- (a) Cheese (b) Butter (c) Egg (d) Curd
- (a) Sister (b) Brother (c) Father (d) Uncle
- (a) 27 (b) 125 (c) 64 (d) 100
- (a) 4-20 (b) 6-60 (c) 7-35 (d) 8-40
- (a) 7 (b) 9 (c) 3 (d) 17
- (a) CdaB (b) VwtU (c) LmjK (d) RsqP
- (a) FIJL (b) RUVX (c) DGHJ (d) NPQS

Answers

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|-------|-------|-------|-------|--------|
| 1 (d) | 2 (a) | 3 (b) | 4 (c) | 5 (a) |
| 6 (d) | 7 (b) | 8 (b) | 9 (d) | 10 (d) |