CLASSIFICATION BASED ON NUMBER

Classification is the process of grouping various objects on the basis of their common properties like shape, size, category, color, trait, etc. and finding the odd object from the group. The questions contain a set of different items and candidates are asked to find the odd item out of the given ones. All the items except one follow a certain rule or pattern or they possess some common qualities or characteristics between them and one which is odd does not possess the common qualities or characteristics.

CHOOSING THE ODD NUMBER

In this type of classification reasoning, certain pairs of numbers are given, and candidates need to find out that one by differentiating the relationship of the given numbers.

Question 1: Choose the number which is different from others in the group.
1. 13
2. 17
3. 23
4. 27

Solution: All numbers from all the options are prime numbers except option 4. Hence, the correct answer is 27.

Question 2: Choose the number pair which is different from others in the group
1. 14 - 7
2. 24 - 3
3. 37 -5
4. 42 - 2

Solution: The first number is the multiple of the second term except for the third term. Hence, the correct answer is 37 – 5.

Question 10: Select the odd number pair from the given alternatives.
1. 13, 169
2. 17, 269
3. 14, 196
4. 16, 256

Solution: Here

13, 169 ----> $(13)^2 = 169$

17, 269 ----> $(17)^2 = 289$

14, 196 ----> $(14)^2 = 196$

16, 256 ----> $(16)^2 = 256$

Hence, 17, 269 is the odd number pair.