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Classification Questions for Bank Exams (CGL Tier 1 & SSC 10+2)

Classification Quiz 18

Directions: In this type of questions, certain numbers are given, out of which all except one share some common property and hence are alike, while one is different and this number is to be chosen as the answer.

1. Select the one which is different from the other three responses.

A. 1   B. 65   C. 8   D. 64

2. Select the one which is different from the other three responses.

A. 51   B. 171   C. 291   D. 322

3. Select the one which is different from the other three responses.

A. 80   B. 120   C. 144   D. 192

4. Select the one which is different from the other four responses.

A. 108   B. 72   C. 96   D. 36

5. Find the number that does not belong to the group of numbers for lack of common property.

A. 945   B. 625   C. 743   D. 853

6. 32, 13, 51, 24, 46, 20, 72, 45

A. 13   B. 20   C. 72   D. 46

7. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

A. 343   B. 64   C. 75   D. 27

8. Find the odd number.

A. 50   B. 120   C. 145   D. 37

9. Find the odd number.

A. 1331   B. 191   C. 200   D. 808

Correct Answers:

1	2	3	4	5	6	7	8	9	10
B	D	C	D	B	A	C	D	A	B

Explanations:

1.

Except 65, all others are Perfect Cubes.

$(1)^3 = 1;$ $(2)^3 = 8;$ $(4)^3 = 64;$

Hence, option B is correct.

2.

Except 322, all others are odd number.

Hence, option D is correct.

3.

The number 144 is a perfect square.

Hence, option C is correct.

4.

36 is a perfact square.

Hence, option D is correct.

5.

625 is a perfect square.

∴ $25 \times 25 = 625.$

By other way,

$945 \Rightarrow 9 = 4 + 5;$ $743 \Rightarrow 7 = 4 + 3;$ $853 \Rightarrow 8 = 5 + 3$

But

$625 \Rightarrow 6 \neq 2 + 5.$

Hence, option B is correct.

6.

Except 13, all others are composite numbers.
Hence, option A is correct.

7.

Except 75, all other numbers are perfect cubes.

$343 = (7)^3$

$64 = (4)^3$

$27 = (3)^3$

$216 = (6)^3$

Hence, option C is correct.

8.

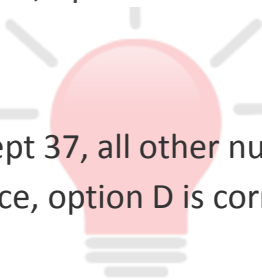Except 37, all other numbers are divisible by 5.
Hence, option D is correct.

9.

In this question, one can think of 2 different logics. Which are as follows,

1. Except 1331, all others are not cubes of any natural number.

2. Except 191 which is prime number, all others are composite numbers.

Hence, option A is correct.

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