

Analytical Reasoning

Questions 1-4

An obedience school is experimenting with a new training system. To test the system, three trainers (Luqman, Mehreen, and Omama) and three dogs (Lassie, Mugs, and Onyx) are assigned to three different rooms, one trainer, and one dog per room. The initial assignment is as follows:

Room 1: Luqman and Lassie

Room 2: Mehreen and Mugs

Room 3: Omama and Onyx

The participants have learned five different commands, each of which they will execute as soon as the command is given. Command W requires the trainer in Room 1 to move to Room 2, the trainer in Room 2 to move to Room 3, and the trainer in Room 3 to move to Room 1. Command X requires the dogs in Rooms 1 and 2 to change places. Command Y requires the dogs in Rooms 2 and 3 to change places. Command Z requires the dogs in Rooms 3 and 1 to change places. Command A requires each of the dogs to go to the room containing the trainer it was matched with in the initial assignment.

1. If the participants in the initial assignment are given exactly one command, Command W, which of the following will be true in the resulting arrangement?
(A) Omama and Mugs will be in the same room
(B) Mehreen will be in Room 3
(C) Mehreen and Lassie will be in the same room
(D) Luqman will be in Room 3
2. Which of the following commands or series of commands will yield a final arrangement in which Onyx is in Room 2?
(A) One call of W
(B) Two calls of X
(C) Two calls of W followed by one call of A
(D) Two calls of W followed by one call of Z
3. Which of the following sequences of commands will yield a final arrangement in which Omama and Lassie are in Room 2?
(A) X, Y, W
(B) X, W, W
(C) Z, W, A
(D) X, Y, A, W
4. Which of the following sequences of commands could result in a final arrangement in which Mehreen and Onyx are in Room 1, Omama and Mugs are in Room 2, and Luqman and Lassie are in Room 3?
(A) Z, W, X
(B) W, Y, Z
(C) W, A, Y, W
(D) W, Z, W, X

Quantitative Reasoning

Encircle the best single option. Cutting, overwriting, erasing, selecting two options or use of lead pencil is not allowed and considered wrong answer.

1 The first five multiples of 17 are:

- | | | | |
|---|---------------------------|---|---------------------|
| A | 0, 1, 17, 34, 51 | C | 38, 57, 76, 95, 114 |
| B | 17, 34, 51, 68, 85 | D | None of these |

2 1080/1152 when expressed in simplest form is

- | | | | |
|---|--------------|---|-------|
| A | 13/16 | C | 17/16 |
| B | 15/16 | D | 25/26 |

3 The sum of the first 45 natural number is

- | | | | |
|---|-------------|---|------|
| A | 1035 | C | 2010 |
| B | 1280 | D | 2140 |

4 The population of Islamabad increased 80000 to 100000 in last two years. What is the percent of increase in population?

- | | | | |
|---|-----|---|------------|
| A | 15% | C | 25% |
| B | 20% | D | 30% |

5 $7372 \times 7372 + 7372 \times 628 = \dots\dots\dots$

- | | | | |
|---|---------|---|-----------------|
| A | 5897600 | C | 58976000 |
| B | 5896700 | D | None of these |

VERBAL REASONING

1) Lion is to meat as car is to.....

- | | |
|-----------|-----------|
| A) Wheel | B) Fuel |
| C) Muscle | D) Grease |

2) BABY is to CBCZ as MOTHER is to

- | | |
|-----------|-----------|
| A) Father | B) Sfiupn |
| C) Dcdz | D) Npuifs |

3) Four of the following are the members of a group. Which one is not a member of this group?

- | | |
|-----------|------------|
| A) Peach | B) Apricot |
| C) Orange | D) Plum |

4) If you rearrange the letters SUBAPEDT, you would have the name of a(n)?

- | | |
|-----------|------------|
| A) Animal | B) Country |
| C) Tree | D) Fruit |