

**Inferring Information****Practice exercise**

**Direction (1 - 15):** Read the following information carefully and answer the questions that follow.

There are three on-off switches A, B, and C on a control panel. They have to be changed from an initial setting to a second setting according to the following conditions: In case only switch A is the switch in the initial setting, then turn on switch B. In case switches A and B are the only switches on in the initial setting, then turn on switch C. In case all the three switches are on initial setting, then turn off the switch C. For any other initial setting, turn on all switches that are off and turn off all switches, if any, that are on.

1. **In case in the initial setting, the switches A and B are on and the switch C is off, then what could be the second setting?**

(a) A on, B on, C on  
(b) A on, B off, C on  
(c) A on, B off, C off  
(d) A off, B on, C off  
(e) None of these

2. **In case switch B is the only switch on in the initial setting, What must be the second setting?**

(a) A on, B on, C on  
(b) A on, B on, C off  
(c) A on, B off, C on  
(d) A off, B off, C on  
(e) None of these

3. **In case all the three switches are on in the second setting, which among the following could have been the initial setting?**

(a) A on, B on, C on  
(b) A on, B on, C off  
(c) A on, B on, C off  
(d) A on, B off, C off  
(e) None of these

4. **In case switch A is off in the second setting, which among the following could have been the initial setting?**

(a) A on, B on, C on  
(b) A on, B on, C off  
(c) A on, B off, C on  
(d) A on, B off, C off  
(e) None of these

5. **In case only B is on in the second setting, which among the following could have been the initial setting?**

(a) A on, B on, C on  
(b) A on, B off, C off  
(c) A on, B on, C on  
(d) A off, B off, C on  
(e) None of these

II. A bus has exactly six stops on its route. The bus first stops at stop one and then at stops two, three, four, five, and six respectively. After the bus leaves stop six, the bus turns and returns the stop one repeats the cycles. The stops are at six building which are in the alphabetical order L, M, N, O, P, and Q.

P is the third stop.

M is the sixth stop.

The stop O is the stop immediately before Q.

N is the stop immediately before L

6. **In a case N is the fourth stop, which among the following must be the stop immediately before P?**

(a) O  
(b) Q  
(c) N  
(d) L  
None of these

7. **In case L is the second stop, which among the following must be the stop immediately before M?**

(a) N  
(b) L  
(c) P  
(d) Q  
(e) None of these

8. **In case a passenger gets on the bus at O, rides past one of the stops, and gets off at P, which of the following must be true?**

(a) O is stop one.  
(b) Q is stop three.  
(c) P is stop four.  
(d) N is stop five.  
(e) None of these

III. There are six members in a family, A, B, C, D, E and F who are travelling together. B is the son of C but C is not the mother of B. A and C are a married couple. E is the brother of C. D is the daughter of A. F is the brother of B.

9. **How many male members are there in the family?**

- (a) 1
- (b) 3
- (c) 2
- (d) 4
- (e) None of these

**10. Who is the mother of B?**

- (a) D
- (b) F
- (c) E
- (d) A
- (e) None of these

**11. How many children does A have?**

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) None of these

**12. Who is the wife of E?**

- (a) A

- (b) F
- (c) B
- (d) Cannot be determined
- (e) None of these

**13. Which of the following is a pair of females?**

- (a) A E
- (b) B D
- (c) D F
- (d) A D
- (e) None of these

**14. How is E related to D?**

- (a) Father
- (b) Brother
- (c) Uncle
- (d) Cannot be determined
- (e) None of these

## Answer

<b>1.</b> (A)	<b>2.</b> (C)	<b>3.</b> (B)	<b>4.</b> (C)	<b>5.</b> (C)
<b>6.</b> (B)	<b>7.</b> (D)	<b>8.</b> (A)	<b>9.</b> (D)	<b>10.</b> (D)
<b>11.</b> (C)	<b>12.</b> (D)	<b>13.</b> (D)	<b>14.</b> (C)	