

13. The correct match between Item I and Item II is:

[Jan. 11, 2019 (II)]

- | Item I | Item II |
|---------------------------|---|
| (A) Allosteric effect | (P) Molecule binding to the active site of enzyme |
| (B) Competitive inhibitor | (Q) Molecule crucial for communication in the body |
| (C) Receptor | (R) Molecule binding to a site other than the active site of enzyme |
| (D) Poison | (S) Molecule binding to the enzyme covalently |
- (a) (A) → (R); (B) → (P); (C) → (Q); (D) → (S)
(b) (A) → (P); (B) → (R); (C) → (Q); (D) → (S)
(c) (A) → (R); (B) → (P); (C) → (S); (D) → (Q)
(d) (A) → (P); (B) → (R); (C) → (S); (D) → (Q)

Ans. (a)

- (a) Allosteric → Molecule bind to a site other than the active site of enzyme
Competitive inhibitor → Molecule bind to the active site of enzyme
Receptor → Molecule crucial for communication in the body.
Poison → Molecule binding to the enzyme covalently