

In the following questions, a statement of Assertion (A) followed by a statement of Reason (R) is given.

Choose the correct answer out of the following choices:

- (a) Assertion and Reason both are correct and Reason is the correct explanation of Assertion.
- (b) Both Assertion and Reason are wrong.
- (c) Assertion is correct but Reason is wrong.
- (d) Assertion is wrong but Reason is correct.
- (e) Both Assertion and Reason are correct but Reason is not the correct explanation of Assertion. .

Question 66. Assertion (A): Like bromination of benzene, bromination of phenol is also carried out in the presence of Lewis acid.

Reason (R): Lewis acid polarizes the bromine molecule.

Solution: (d) Bromination of phenol can be carried out in absence of Lewis acid.