

QUESTION

Assertion

Glycosides are hydrolyzed in acidic conditions.

Reason

Glycosides are acetals.

- A Both Assertion and Reason are correct and Reason is the correct explanation for Assertion
- B Both Assertion and Reason are correct but Reason is not the correct explanation for Assertion
- C Assertion is correct but Reason is incorrect
- D Both Assertion and Reason are incorrect

ANSWER :

Correct option is D)

Glycosides are formed by treating glucose with methanol in presence of dry HCl gas. They cannot be hydrolysed in acidic conditions. They are not acetals but they are hemiacetals.