

VIDYAPEETH

JEE MAINS PAPER DISCUSSION

2025

**Session - 1
24 Jan 2025, SHIFT - 01**

Memory Based Discussion



ORGANIC CHEMISTRY

[Aldehyde, ketone and Carboxylic acid- Medium]

Order of nucleophilic addition

1. Acetophenone
 2. p-nitrobenzaldehyde
 3. benzaldehyde
 4. p-tolualdehyde
- (A) $2>3>4>1$
- (B) $2 >4>3>1$
- (C) $4>3>2>1$
- (D) $1>2>3>4$

[Biomolecules - Medium]

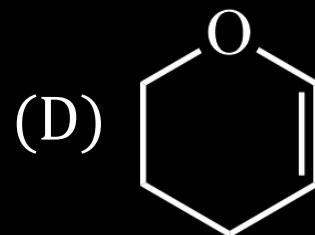
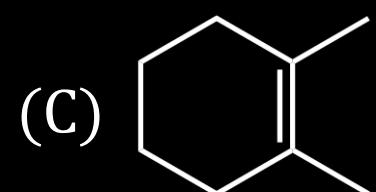
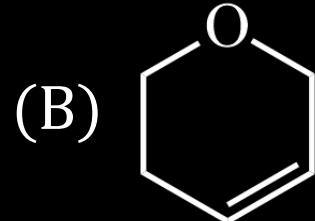
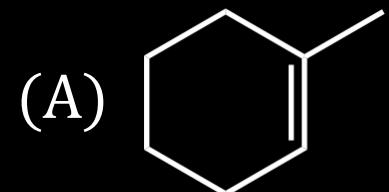
Ribose present in DNA is

- (A) It is a pentose sugar
- (B) Present in pyranose form
- (C) α anomeric carbon is present
- (D) Present in D configuration
- (E) It is reducing sugar in free form

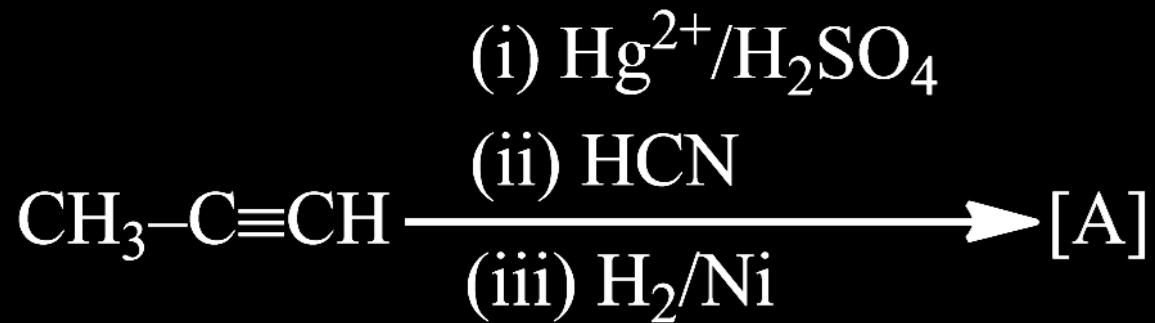
Choose the correct statements :

- (A) A, C & E only
- (B) A, B, C, D & E
- (C) A & E only
- (D) A, D & E only

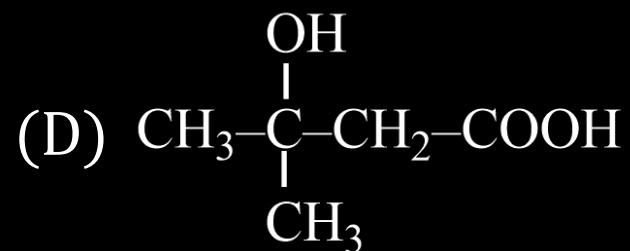
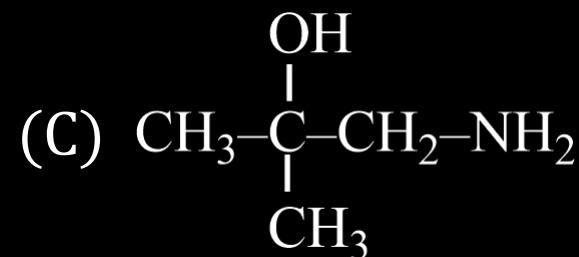
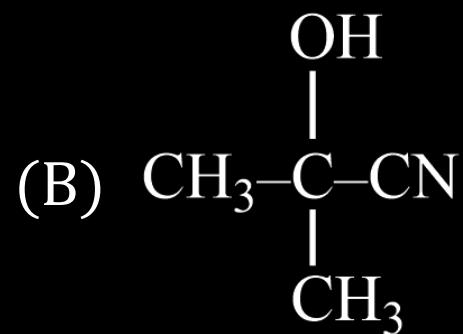
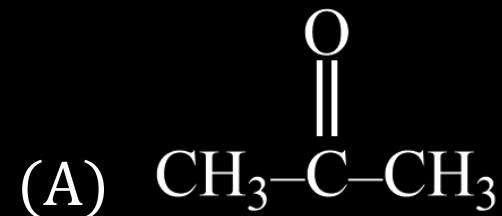
Which compound react fastest with HBr



[Aldehyde, ketone and Carboxylic acid- Medium]



Find the major product 'A'



[Purification and Estimation of Organic Compound - Easy]

In Duma's which gas is evolved?

- (A) N₂
- (B) SO₂
- (C) CO₂
- (D) O₂



A yellow rectangular banner with a thin black border is angled across the center. Inside, the words "Thank you!" are written in a large, white, cursive font. The banner is surrounded by stylized green leaves and small yellow flowers.

Thank
you!



A large, stylized yellow cursive banner is angled across the bottom. It contains the words "Future IITians" in a yellow font. The banner is surrounded by green leaves and small yellow flowers.

Future IITians