

VIDYAPEETH

JEE MAINS PAPER DISCUSSION

2025



Session - 1

24 Jan 2025, SHIFT - 01

Memory Based Discussion



ORGANIC CHEMISTRY

QUESTION

JEE MAINS 2025, 24 Jan 2025, SHIFT - 01



[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) $1 > 2 > 3 > 4$

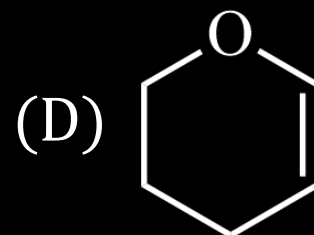
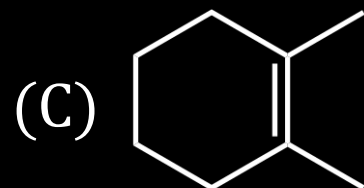
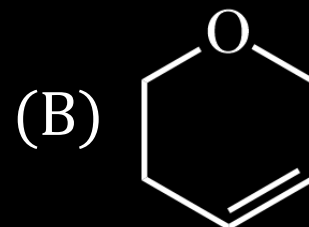
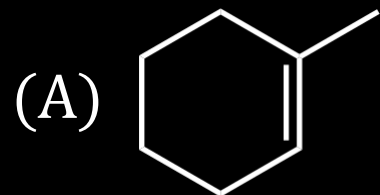
Ribose present in DNA is

- (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

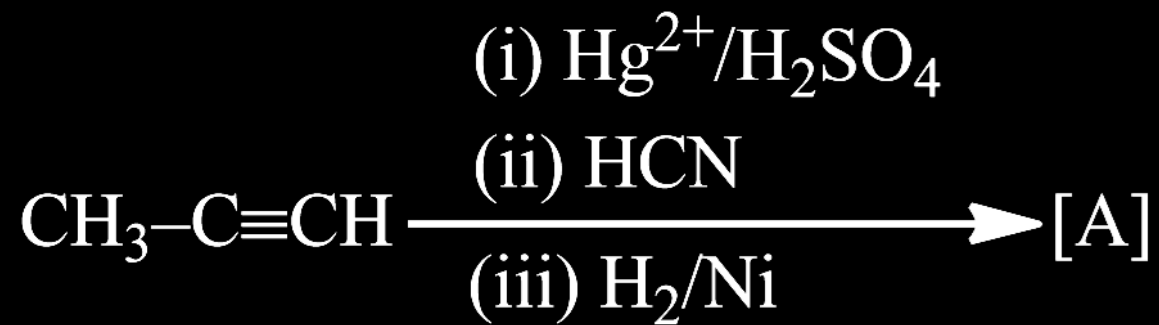
Choose the correct statements :

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

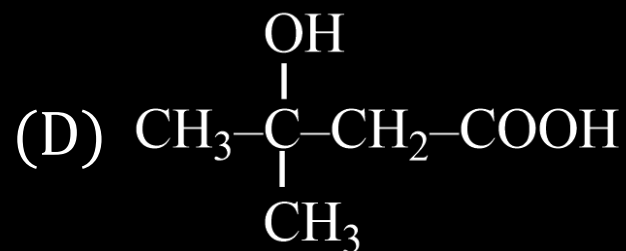
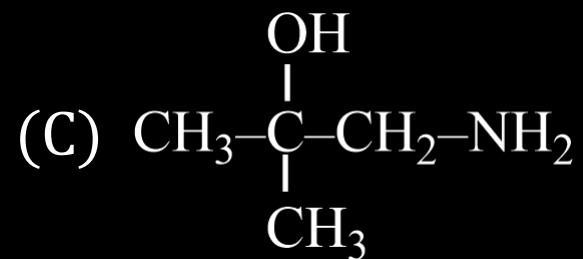
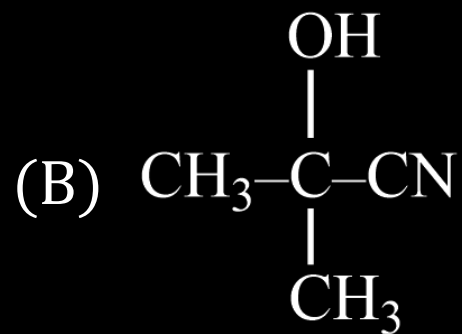
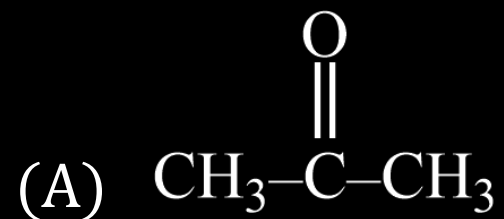
Which compound react fastest with HBr



[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) N_2
- (B) SO_2
- (C) CO_2
- (D) O_2



Future IITians