

JEE MAIN 2025

PAPER DISCUSSION

Attempt : 01

Date : 28th Jan 2025

Shift : 02



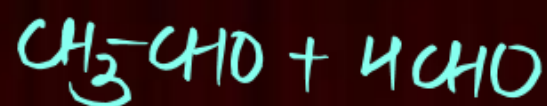
LIVE
STREAM

JEE MAIN 2025 PAPER DISCUSSION



Organic *Chemistry*

(A)

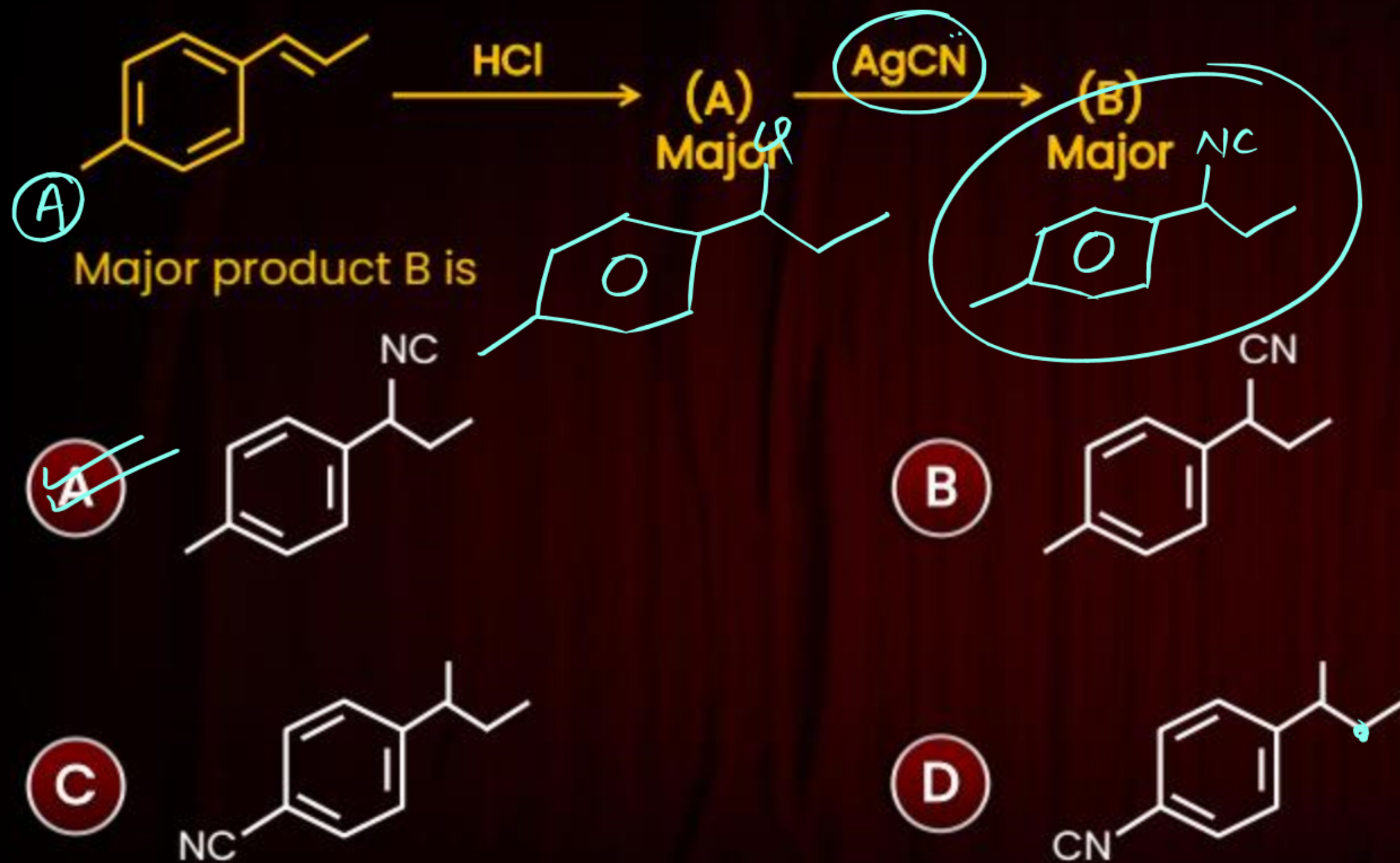


~~A~~ Ethanal and formaldehyde

B Propanal and formaldehyde

C Ethanal and propanal

D Propanal only



Total number of compound react with KMnO_4 and give benzoic acid

5 ✓✓



PhCOOH



PhCOOH



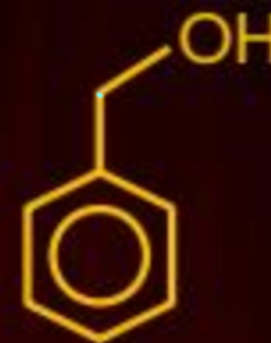
PhCOOH



X



PhCOOH



PhCOOH



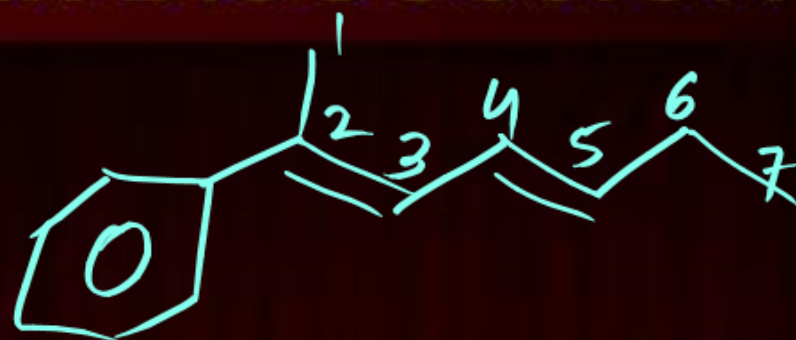
IUPAC name of 'P' = ?

(A)



Alc. KOH

'P'



2-phenyl hepta-2,4-diene

☒ A Hepta-2, 4-diene-2-yl ~~Benzene~~

☐ B Hepta-3, 4-diene-2-yl ~~Benzene~~

☐ C Hepta-1, 4-diene-2-yl ~~Benzene~~

☐ D Hepta-1, 4-diene-3-yl ~~Benzene~~

Compound

(1) Maltose

(2) Lactose

(3) Amylopectin

(4) Sucrose

Linkage present

(A) $\alpha - 1, \beta - 2$

(B) $\alpha - 1, 4$

(C) $\beta - 1, 4$

(D) $\alpha - 1, 4$ and $\alpha - 1, 6$

Handwritten notes for compounds:
Maltose: α α
Lactose: β β

Handwritten note for Amylopectin: α α & α α

Handwritten notes for Sucrose: α β

A 1 - B, 2 - C, 3 - D, 4 - A

B 1 - C, 2 - B, 3 - A, 4 - D

C 1 - D, 2 - B, 3 - C, 4 - A

D 1 - A, 2 - B, 3 - 1, 4 - D

A

Statement – I



and

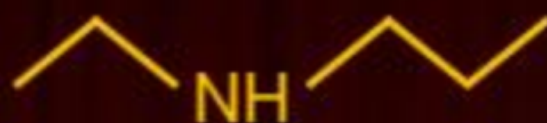


are ring chain isomers

Statement – II



and



are functional isomers

A Both Statement – I and statement – II are correct statements**B** Statement – I is correct and statement – II is not correct**C** Statement – I is wrong statement and Statement – II is correct statements**D** Both Statements are correct

Thank you