



LIVE ((o))

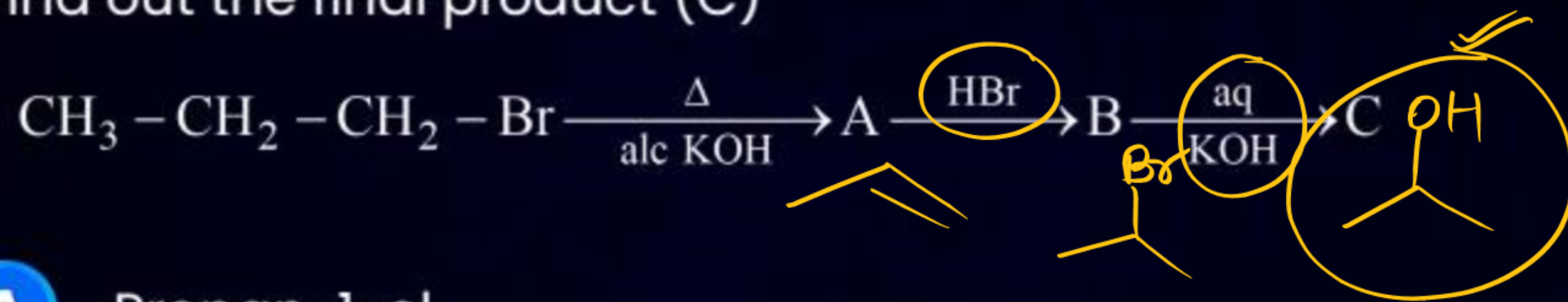
JEE MAIN 2024

ATTEMPT – 01, 31TH JAN 2024 , SHIFT – 01

PAPER DISCUSSION

ORGANIC CHEMISTRY

Find out the final product (C)



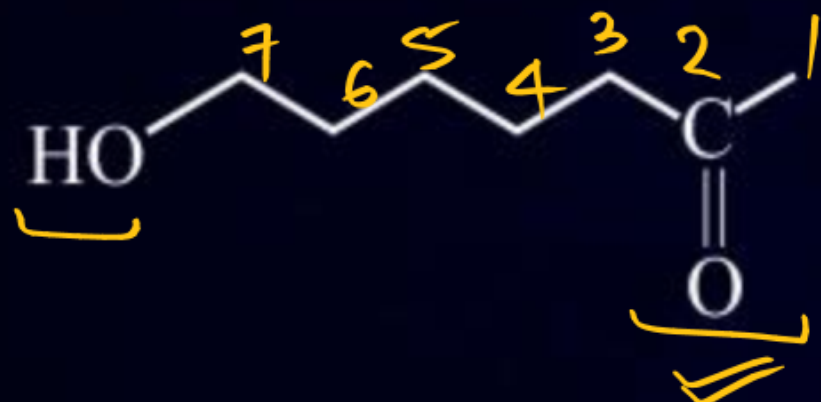
A Propan-1-ol

B Propan-2-ol

C Propene

D Propane

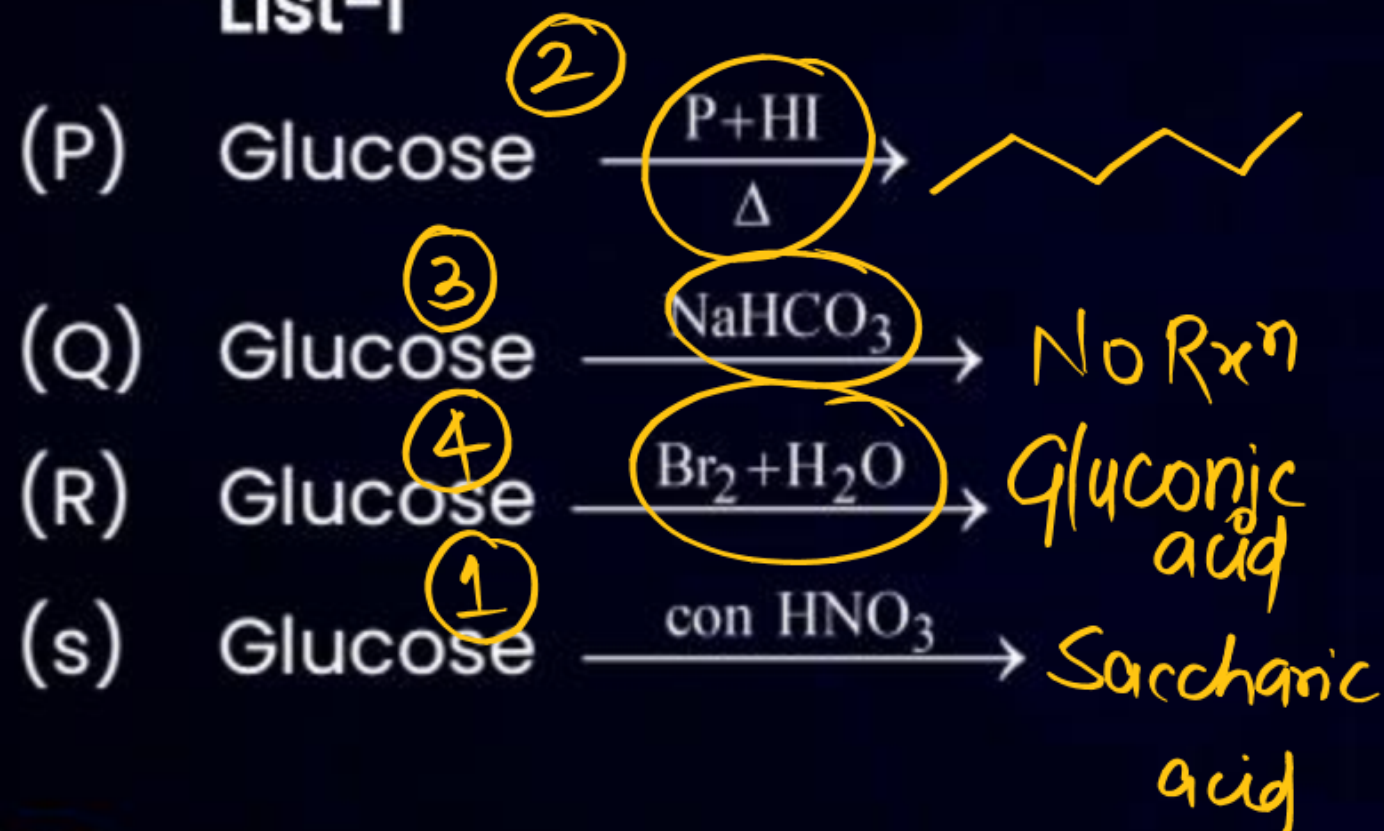
Correct IUPAC name of



7-hydroxy heptan-2-one

- ☒ **A** 7-Hydroxyheptan-2-one
- ☐ **B** 6-Hydroxyheptan-2-one
- ☐ **C** 2-Oxoheptan-7-ol
- ☐ **D** 1-Hydrogen-6-oxoheptane

List-I



List-II

- (1) Saccharic acid
(2) n-Hexane
(3) No Reaction
(4) Gluconic acid

A P→2; Q→3; R→4; S→1

C P→3; Q→2; R→4; S→1

B P→2; Q→3; R→1; S→4

D P→1; Q→2; R→3; S→4

Adsorption method is used in

Chromatography

- ☒ **A** Chromatography
- ☐ **B** Extracational method
- ☐ **C** Distillation method
- ☐ **D** Sublimation

~~Statement-I: pK_a of phenol = 10 and pK_a of ethyl alcohol = 15.6.~~

~~Statement-II: Ethyl alcohol is more acidic than phenol~~

15.9

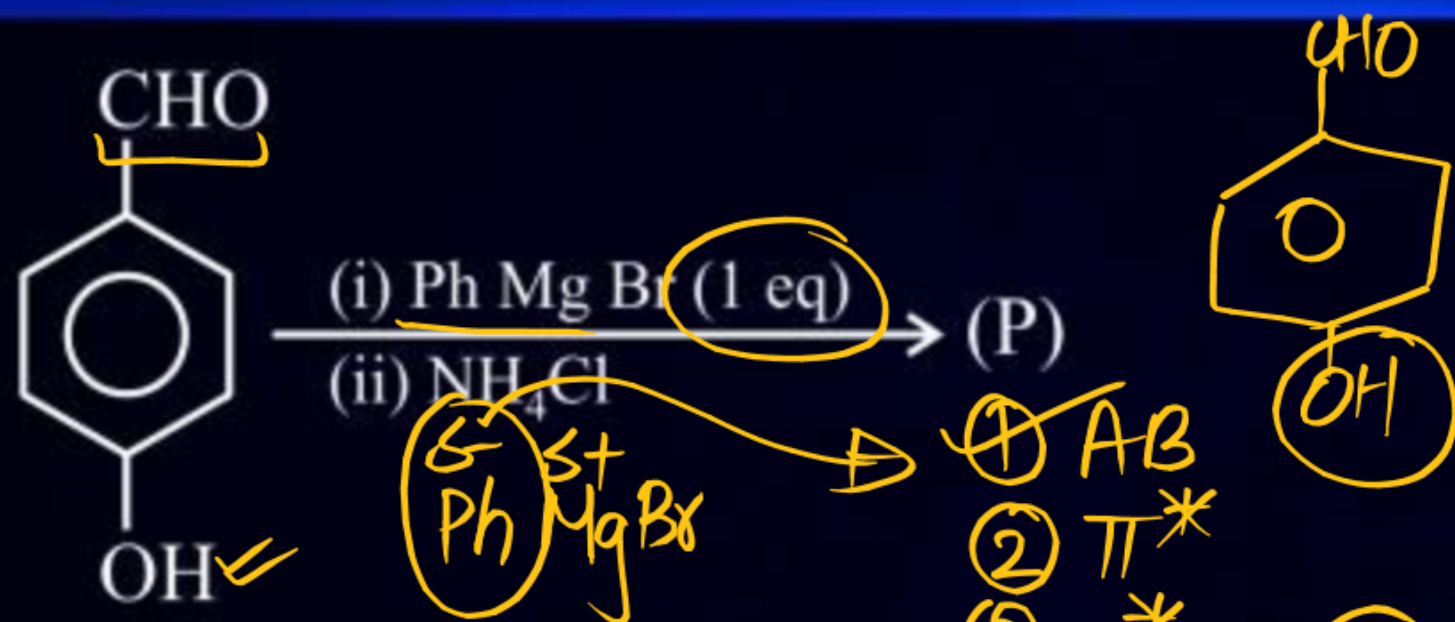


- ☐ A Both statement are correct
- ☐ B Both statement are incorrect
- ☒ C Statement-I is correct and statement-II is incorrect
- ☐ D Statement-I is incorrect and statement-II is correct

The total number of different alkanes formed when the following mixture is subjected to electrolysis:

$\text{CH}_3\text{COONa}(\text{aq})$ and $\text{C}_2\text{H}_5\text{COONa}(\text{aq})$
is 3 (do not consider disproportionation reaction)

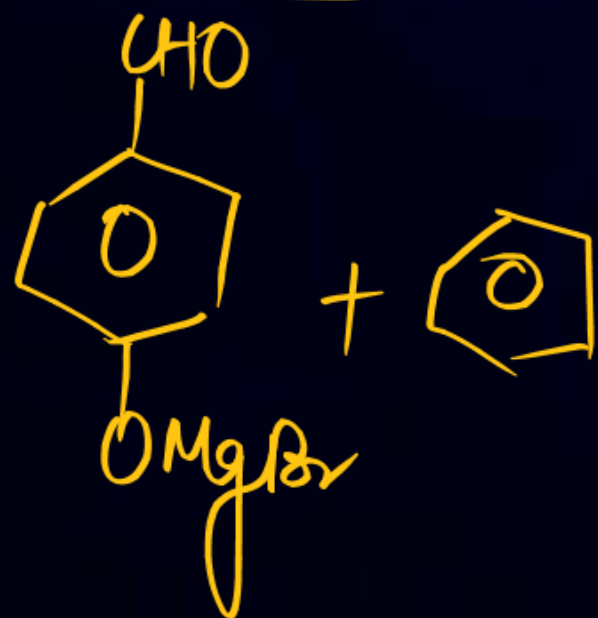




Find the no. of -OH group in (P)



Handwritten answer: 1



Species having carbon with sixtet of valence electron and acts as an electrophile is:



Six e^-

- ☐ A Carbanion
- ☒ B Carbocation
- ☐ C Free Radical
- ☐ D Nitrene



THANK
YOU