

## Master Math for JEE Main & JEE Advanced

Crash Courses designed specifically for students who want to improve their percentile & score in upcoming JEE Main & JEE Advanced exam. **Tap on the banners to know more.**

For JEE Main 2020 April



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For JEE Advanced 2020



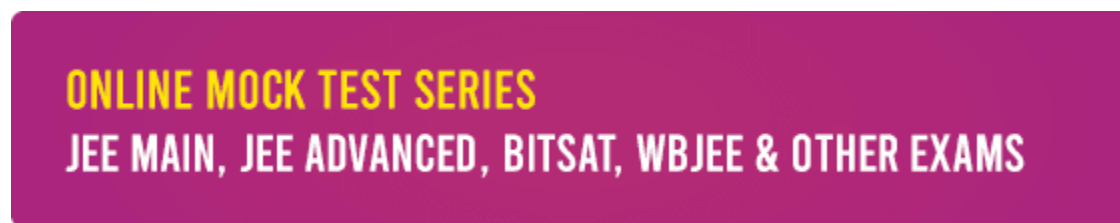
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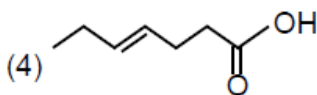
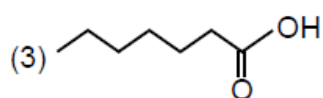
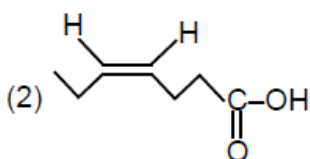
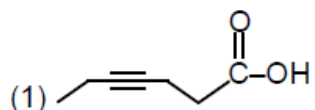
## JEE Mains 2020 Jan Chapter wise Question Bank

## Aldehydes and Ketones

Q1

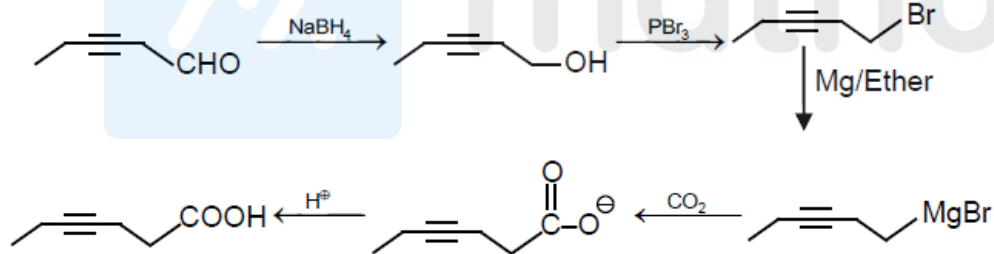
Hex-3-ynal  $\xrightarrow{(1) \text{NaBH}_4} \xrightarrow{(2) \text{PBr}_3} \xrightarrow{(3) \text{Mg/Ether}} \xrightarrow{(4) \text{CO}_2} \xrightarrow{(5) \text{H}^+}$  (X), formed product X will be:

हेक्स-3-आइनेल  $\xrightarrow{(1) \text{NaBH}_4} \xrightarrow{(2) \text{PBr}_3} \xrightarrow{(3) \text{Mg/Ether}} \xrightarrow{(4) \text{CO}_2} \xrightarrow{(5) \text{H}^+}$  (X), प्राप्त उत्पाद X होगा :

7<sup>th</sup> Jan Morning

Sol

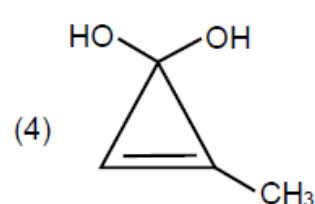
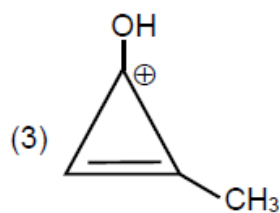
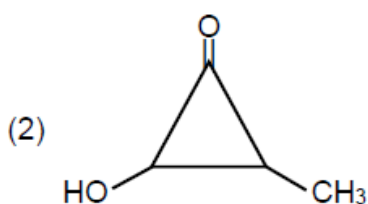
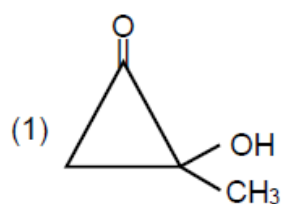
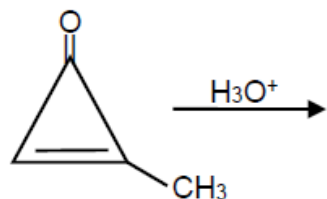
(1)



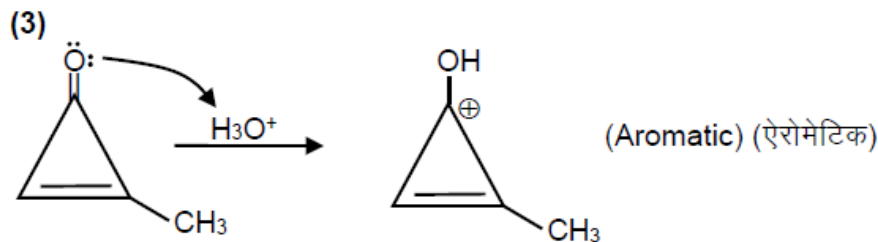
Q2

The major product of the following reactions is

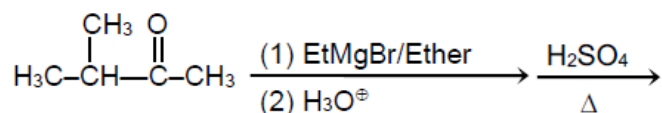
निम्नलिखित अभिक्रिया का मुख्य उत्पाद है।



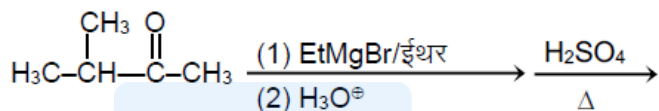
Sol



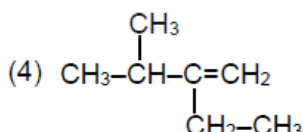
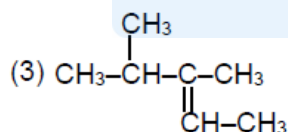
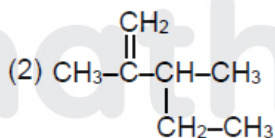
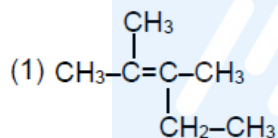
Q3



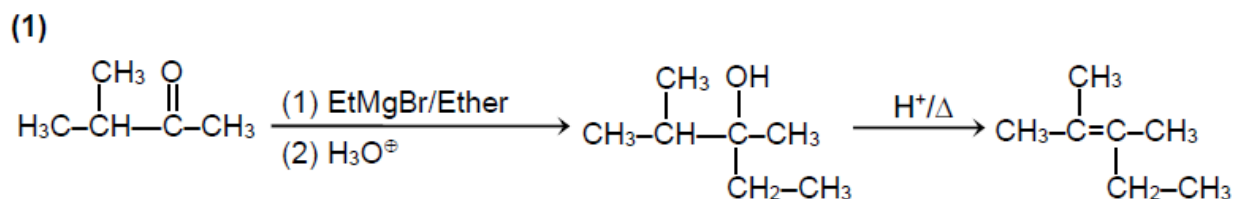
What will be the major product ?



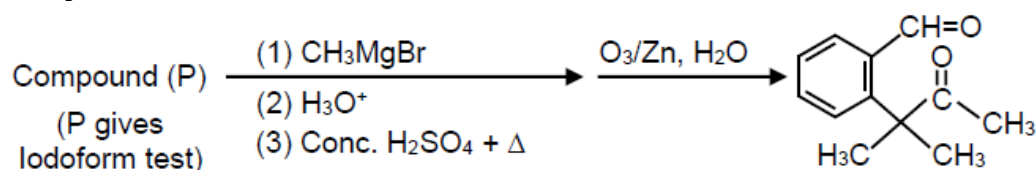
निम्नलिखित में से मुख्य उत्पाद होंगे?



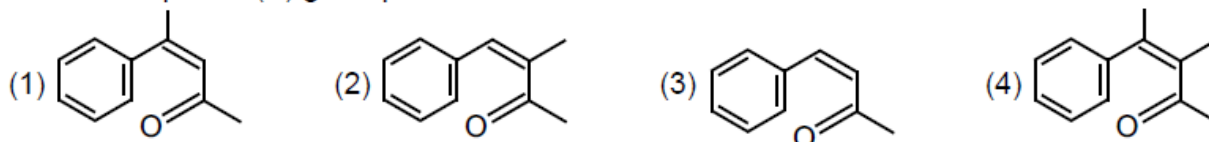
Sol



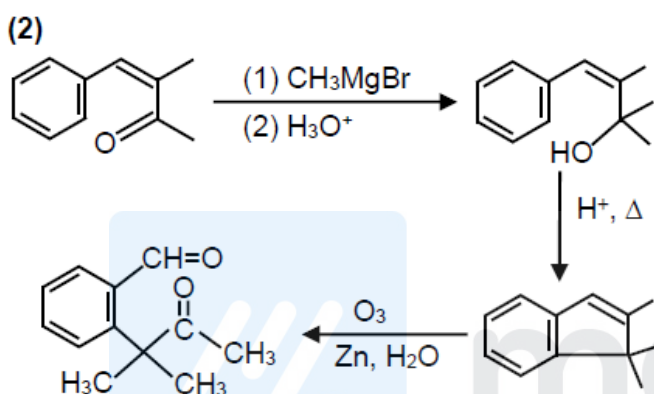
Q4



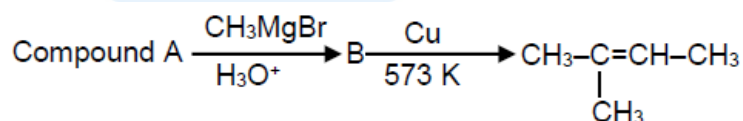
Predict the compound (P) on the basis of above sequence of the reactions?  
Where compound (P) gives positive Iodoform test.

9<sup>th</sup> Jan Morning

Sol



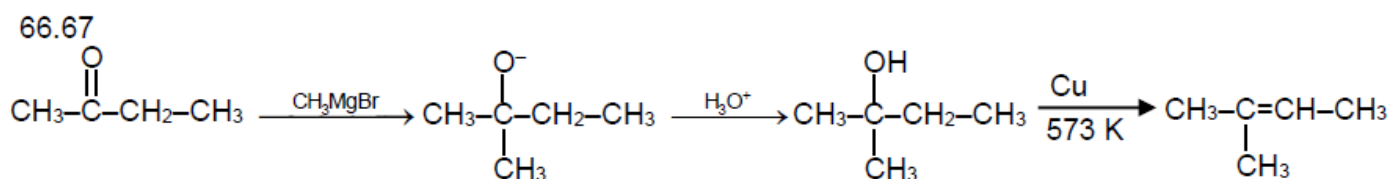
Q5



Percentage carbon in compound A is:

9<sup>th</sup> Jan Evening

Sol



Compound A is  $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{CH}_2-\text{CH}_3$  ( $\text{C}_4\text{H}_8\text{O}$ )

Percentage carbon in compound A =  $\left( \frac{12 \times 4}{48 + 16 + 8} \times 100 \right) = 66.67$

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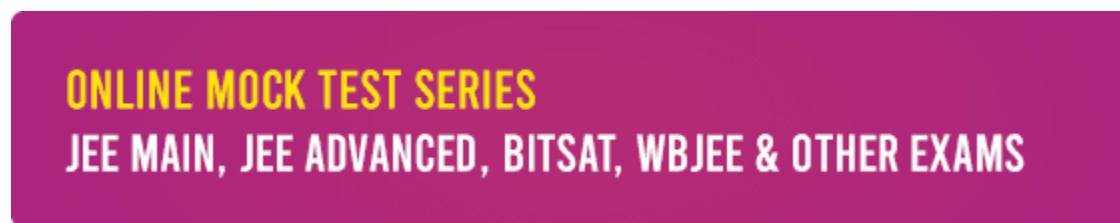
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