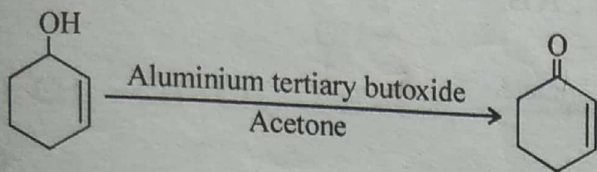


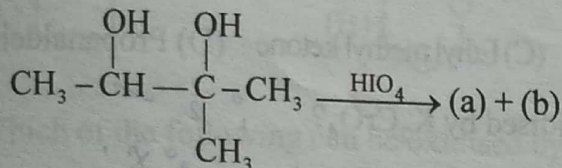
1. The given reaction



is known as :

- (A) Kolbe reaction (B) Tischenko reaction
(C) MPV reaction (D) Oppenauer oxidation

2. In the given reaction :



(a) and (b) respectively be :

- (A) CH_3CHO and CH_3CHO (B) CH_3COCH_3 and CH_3CHO
(C) CH_3COCH_3 and CH_3COCH_3 (D) CH_3COOH and CH_3COCH_3

3. $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{H}$ and $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{CH}_3$ is differentiated by :

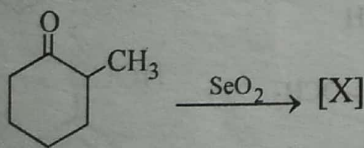
- (A) Tollen's reagent (B) Lucas test (C) Iodoform test (D) NaHSO_3 test

4. Number of moles of CrO_3 required to oxidise completely 9 moles of 2-heptanol to the corresponding ketone ?

$$9 \times \frac{2}{3} = 6$$

- (A) 5 (B) 6 (C) 4 (D) None

5. In the given reaction



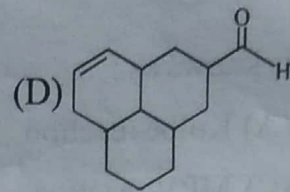
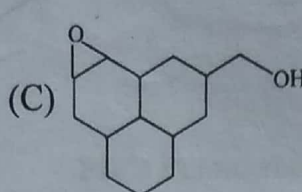
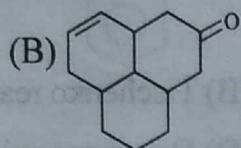
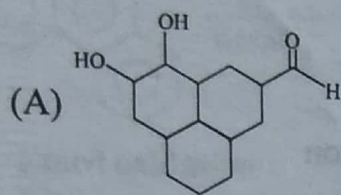
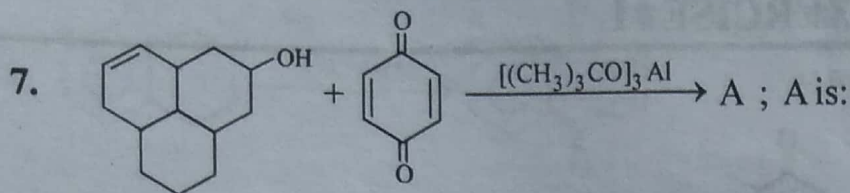
[X] will be:

- (A) CC1CCCCC1=O (B) CC1C(=O)CCCC1=O (C) CC1C(=O)C=CC(=O)C1 (D) CC1C(=O)C=CC(=O)C1

6. Which will give silver mirror test with Tollens reagent :

- (A) $\text{C}_6\text{H}_5\text{CHO}$ (B) CH_3-CHO (C) HCOOH (D) All of these

SBG STUDY



8. Which one of the following compounds will give dimethyl glyoxal with SeO_2 :

- (A) Acetone (B) Acetophenone (C) Ethyl methyl ketone (D) Propanaldehyde

9. Which one of the following alcohols can be oxidised by K_2CrO_4 ?

- (A) Ethanol (B) Tert butyl alcohol
(C) Isopropyl alcohol (D) Allyl alcohol

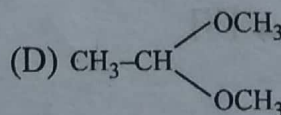
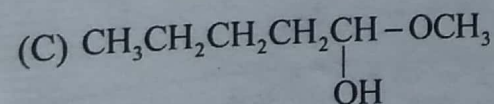
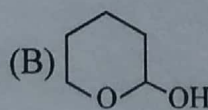
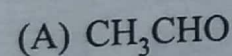
10. Silver mirror test with Tollens reagent is given by :

- (A) C_6H_5CHO (B) $Ph-NH-OH$
(C) $C_6H_5-CH_2-C(=O)-CH_2OH$ (D) CH_3CHO

11. Fehling solution gives red precipitate with:

- (A) Aromatic aldehyde (B) Aliphatic aldehyde (C) Ketones (D) $CH_2(OH)-C(=O)-CH_3$

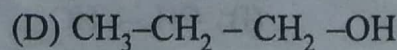
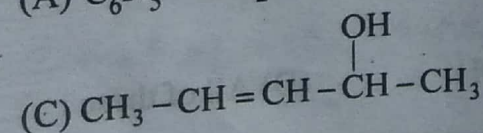
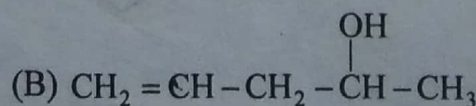
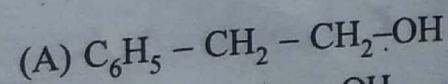
12. Which of the following compound will give positive Tollens test

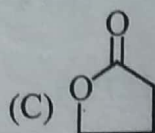
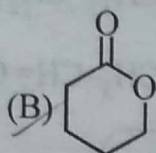
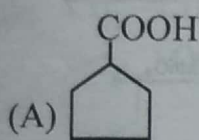
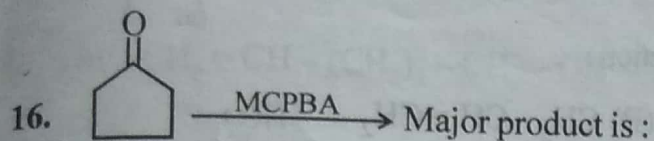
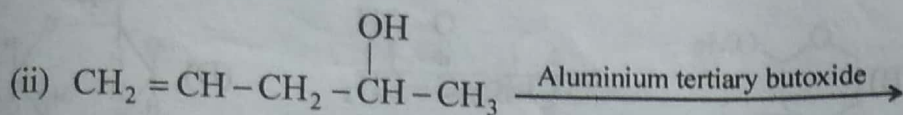
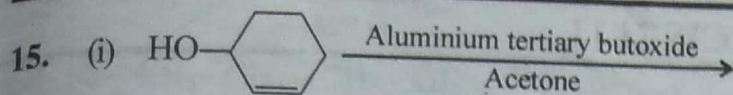


13. Schiff's reagent gives pink colour with :

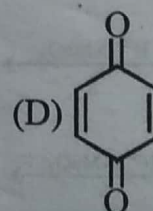
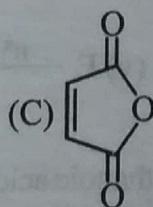
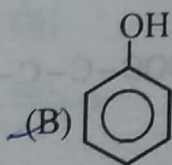
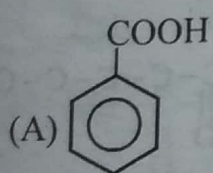
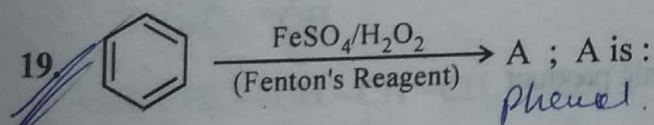
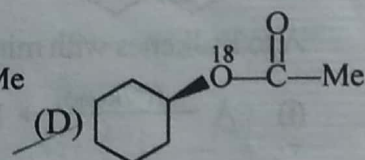
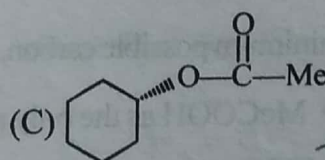
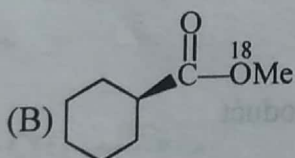
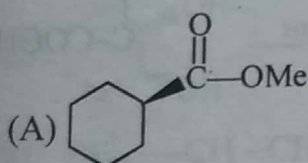
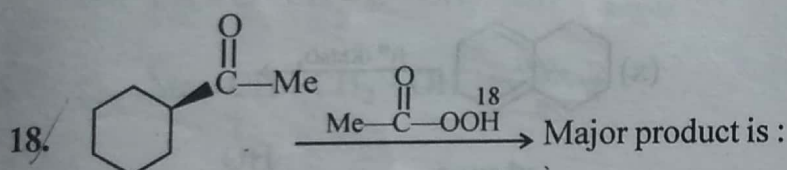
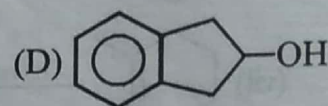
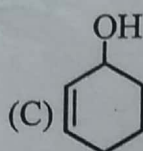
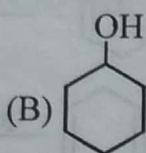
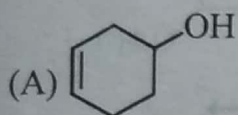
- (A) Acetaldehyde (B) Formic acid (C) Acetic acid (D) Methyl acetate

14. Which one of the following alcohols are oxidised by MnO_2 ?





17. Which of the following can be oxidised by MnO_2 :



20. A $\xrightarrow{\text{H}^+/\text{KMnO}_4}$ B $\xrightarrow{\Delta}$ Phtlic Anhydride ; A is:

