

## **CHEMISTRY**

## NCERT - FULL MARKS CHEMISTRY(TAMIL)

## BASIC CONCEPTS OF ORGANIC CHEMISTRY

**Questions** 

(a) 
$$CH_3 - \mathrm{CH} - CH_3$$



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2. Write IUPAC name of the following

(b) 
$$CH_3-\mathop{
m C}_{ec{O}H}^{CH_3}-CH_3$$



(c ) 
$$CH_3-\mathrm{CH}-\mathrm{CH}-CH_3 \ | \ CH_3-OH$$



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4. Write IUPAC name of the following

(d) 
$$CH_3-\mathop{
m C}_{ec{O}H}^{CH_3}-CH_2-CH_3$$



(e) 
$$CH_2 = CH - COCH_2CH_3$$



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6. Write IUPAC name of the following

(f)  $CH_3CH_2CHO$ 



(g) 
$$CH_3 - \mathrm{CH} - COOH$$



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8. Write IUPAC name of the following

(h)  $CH_3CH_2OCH_2CH_3$ 



- 9. Write IUPAC name of the following
- (i)  $CH_3OCH_2CH_2CH_3$



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10. Write IUPAC name of the following

(j) 
$$CH_3-O-\mathrm{CH}_3-CH_3 \ |_{CH_3}$$



(k)  $CH_3CH_2CH_2CH_2NH_2$ 



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**12.** Explain briefly on the following

Homolytic and heterolytic fission.



Substitution reaction.



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**14.** Explain briefly on the following

Addition reaction.



Elimination reaction.



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**16.** Explain briefly on the following

Polymerisation reaction.



Condensation reaction.



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**18.** Explain briefly on the following

Hydrolysis.



Reduction and oxidation reactions.



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20. Explain briefly on the following

Electrophilic and Nucleophilic reagents.



Carbonium ions and carbanions.



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22. Explain briefly on the following

Free radicals.



**23.** Explain briefly on the following Inductive effect.



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**24.** Explain briefly on the following

Resonance effect.





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