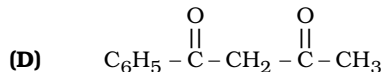
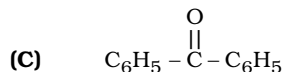
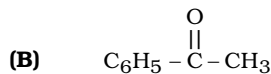
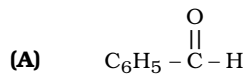


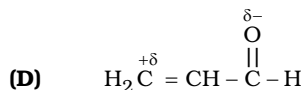
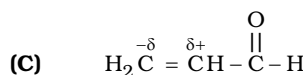
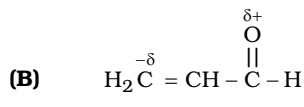
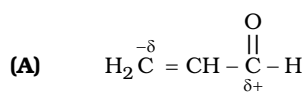
Date Planned : __ / __ / __	Daily Tutorial Sheet-2	Expected Duration : 45 Min
Actual Date of Attempt : __ / __ / __	JEE Advanced Archive	Exact Duration : _____

16. Isomers which are.....mirror image are known as...(superimposable, non-superimposable, enantiomers, diastereomers, epimers) (1988)
- *17. Keto-enol tautomerism is observed in : (1988)



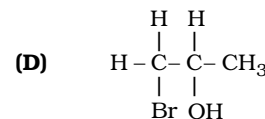
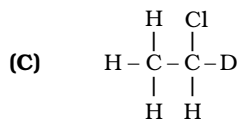
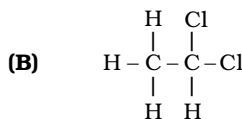
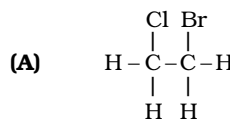
18. Polarisation of electrons in acrolein may be written as :

⏮ (1988)



- *19. Which of the following have asymmetric carbon atom ?

⏮ (1989)

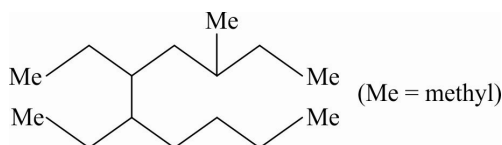


20. The shape of $(\text{CH}_3)^+$ is

⏮ (1990)

21. Give the IUPAC name of the following compound :

⏮ (1990)



22. The enolic form of acetone contains :

⏮ (1990)

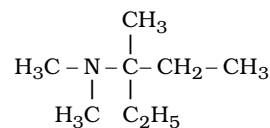
- (A) 9 sigma bonds, 1 pi bond and 2 lone pairs
(B) 8 sigma bonds, 2 pi bonds and 2 lone pairs
(C) 10 sigma bonds, 1 pi bonds and 1 lone pair
(D) 9 sigma bonds, 2 pi bonds and 1 lone pair

23. 2, 3, 4-trichloropentane has three asymmetric carbon atoms. (True/False)

(1990)

24. Write the IUPAC name of the following compounds.


⏮ (1991)



25. The hybridization of carbon atoms in C - C single bond in $\text{H} - \text{C} \equiv \text{C} - \text{CH} = \text{CH}_2$ is :

⏮ (1991)

- (A) $\text{sp}^3 - \text{sp}^3$ (B) $\text{sp}^2 - \text{sp}^3$ (C) $\text{sp} - \text{sp}^2$ (D) $\text{sp}^3 - \text{sp}$

- 26.** Isomers which can be interconverted through rotation around a single bond are : **(1992)**
(A) conformers **(B)** diastereomer **(C)** enantiomers **(D)** positional isomers
- 27.** Write tautomeric forms of phenol. **(1992)**
- *28.** The molecules that will have dipole moment are : **(1992)**
(A) 2, 2-dimethyl propane **(B)** trans-2-pentene
(C) cis-3-hexene **(D)** 2, 2, 3, 3-tetramethyl butane
- 29.** The structure of the enol form of $\text{CH}_3 - \text{CO} - \text{CH}_2 - \text{CO} - \text{CH}_3$ with intermolecular hydrogen bonding is _____. **(1993)**
- 30.** The IUPAC name of succinic acid is.....  **(1994)**