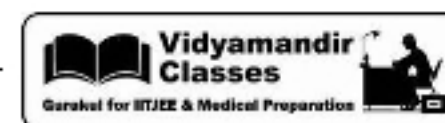




1

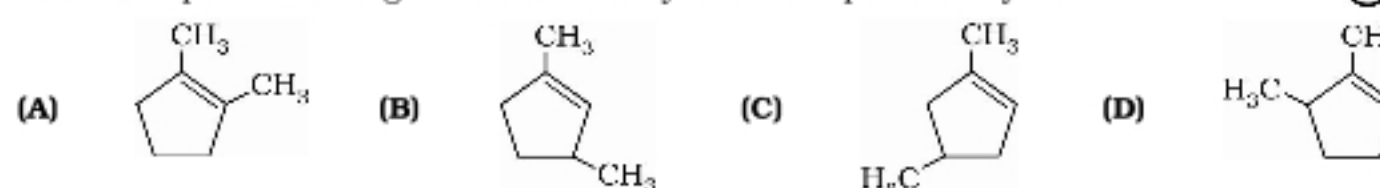
of 3



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

16. The major organic compound formed by the reaction of 1, 1, 1-trichloroethane with silver powder is :
 (A) acetylene (B) ethene (C) 2-butyne (D) 2-butane (2014)

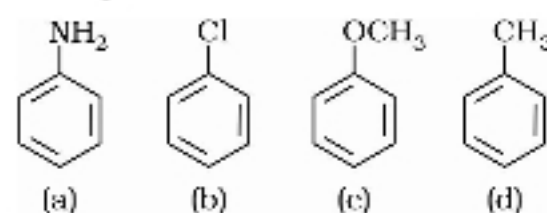
17. Which compound would give 5-keto-2-methyl hexanal upon ozonolysis ? (2015)



18. When 2-butyne is treated with H_2 / Lindlar's catalyst, compound X is produced as the major product and when treated with Na / liq. NH_3 it produces Y as the major product. Which of the following statements is correct ? (2018)

- (A) X will have higher dipole moment and higher boiling point than Y.
 (B) Y will have higher dipole moment and higher boiling point than X.
 (C) X will have lower dipole moment and lower boiling point than Y.
 (D) Y will have higher dipole moment and lower boiling point than X.

19. The increasing order of nitration of the following compounds is : (2018)



- (A) (b) < (a) < (c) < (d) (B) (a) < (b) < (c) < (d)
 (C) (b) < (a) < (d) < (c) (D) (a) < (b) < (d) < (c)

20. The correct order for acid strength of compounds $CH \equiv CH$, $CH_3 - C \equiv CH$ and $CH_2 = CH_2$ is as follows :

- (A) $CH \equiv CH > CH_2 = CH_2 > CH_3 - C \equiv CH$ (B) $HC \equiv CH > CH_3 - C \equiv CH > CH_2 = CH_2$ (2019)
 (C) $CH_3 - C \equiv CH > CH \equiv CH > CH_2 = CH_2$ (D) $CH_3 - C \equiv CH > CH_2 = CH_2 > HC \equiv CH$

21. The major product of the following reaction is : (2019)

