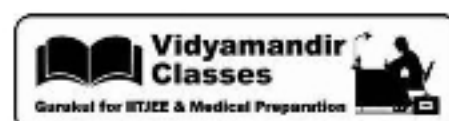




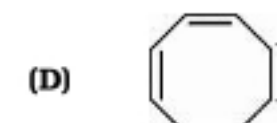
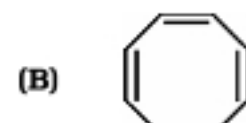
1

of 1

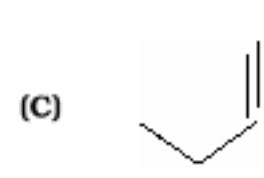
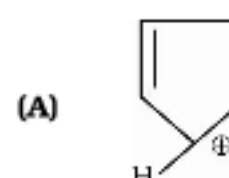


Date Planned : __ / __ / __	Daily Tutorial Sheet-9	Expected Duration : 90 Min
Actual Date of Attempt : __ / __ / __	Level-2	Exact Duration : _____

106. Which among the following is aromatic ?

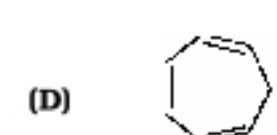
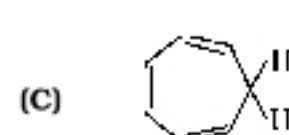
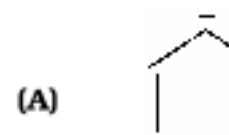


107. Which of the following species will be aromatic ?



(D) None of these

108. Which of the following is expected to be aromatic ?



109.  $C_4H_6$  may contain :

(A) one double bond

(B) two double bond

(C) one triple bond

(D) All are correct

110. Cyclobutadiene is said to be :

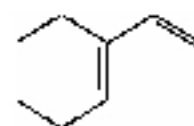
(A) aromatic

(B) aliphatic

(C) anti-aromatic

(D) None of these

111. Degree of unsaturation in the following compound is :



(A) 1

(B) 2

(C) 3

(D) 4

112. The reaction of toluene with chlorine in presence of ferric chloride gives predominantly :

(A) benzoyl chloride

(B) m-chlorotoluene

(C) benzyl chloride

(D) o-and p-chlorotoluene

113. The treatment of benzene with benzoyl chloride in the presence of  $AlCl_3$  gives :

(A) benzaldehyde

(B) benzophenone

(C) diphenylmethane

(D) cyclohexane

114. Toluene can be converted into benzaldehyde by oxidation with :

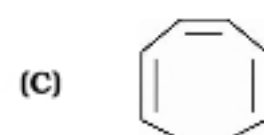
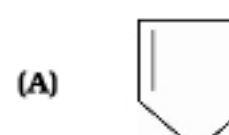
(A)  $KMnO_4$ /alkali

(B)  $CrO_2Cl_2$

(C)  $K_2Cr_2O_7/H_2SO_4$

(D)  $O_2/V_2O_5$

115. Which of the following is stronger hydrocarbon acid ?



(D) None of these