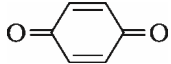
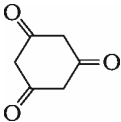
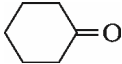
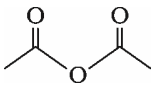


Date Planned : __ / __ / __	Daily Tutorial Sheet-8	Expected Duration : 90 Min
Actual Date of Attempt : __ / __ / __	Level-2	Exact Duration : _____

96. The IUPAC name of Succinic acid $(\text{CH}_2\text{COOH})_2$ is :
 (A) Ethanedioic acid (B) Propan-1, 3-dioic acid
 (C) Propan-1, 2-dioic acid (D) Butan-1, 4-dioic acid
97. The IUPAC name of $\text{CH}_2 = \text{CH} - \text{CH}(\text{CN}) - \text{CHO}$ is :
 (A) 2-Formylbut-3-enenitrile (B) 3-Oxobut-1-enenitrile
 (C) 2-Cyanobut-3-en-1-al (D) 3-Cyanobut-4-en-1-al
98. How many π -electrons are there in CH_3CN ?
 (A) 2 (B) 4 (C) 6 (D) 8
99. The tetracyanoethene contains :
 (A) 9σ bonds, 9π bonds and 4 lone pairs (B) 8σ bonds, 1π bonds and 4 lone pairs
 (C) 9σ bonds, 9π bonds and 9 lone pairs (D) 4σ bonds, 1π bonds and 0 lone pairs
100. Tautomerism is not exhibited by :
 (A)  (B) CH_3CHO (C)  (D) 
- *101. $\text{CH}_2 = \text{CHOH}$ and CH_3CHO are :
 (A) Functional isomers (B) Chain isomers
 (C) Tautomers (D) None of these
102. Total number of possible Trimethyl benzenes is : 
 (A) 2 (B) 3 (C) 4 (D) 6
103. The IUPAC name of $\text{BrCH}_2 - \text{CH}(\text{CONH}_2) - \text{CO} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$ is : 
 (A) 2-Bromomethyl-3-oxohexanamide (B) 1-Bromo-2-amido-3-oxohexane
 (C) 1-Bromo-2-amido-n-propyl ketone (D) 3-Bromo-2-propionylpropanamide
- *104. Which of the following is correct for  :
 (A) It has two degrees of unsaturation (B) Acetoacetic acid is its functional isomer
 (C) Ethanoic anhydride is its IUPAC name (D) $\text{CH}_3\text{CH}_2\text{CH}_2\text{COOOH}$ is its structural isomer
- *105. Which of the following compound is(are) named correctly ? 
 (A) $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_2\text{CHO}$ (5-Methylhexan-1-al)
 (B) $(\text{CH}_3)_2\text{CHCH}_2\text{C} \equiv \text{C} - \text{COOH}$ (5-Methylhex-2-yn-1-oic acid)
 (C) $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)\text{COOH}$ (2-Methylhexanoic acid)
 (D) $\text{CH}_3\text{CH}_2\text{CH} = \text{CHCOCH}_3$ (Hex-3-en-5-one)