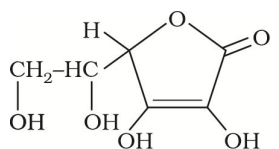
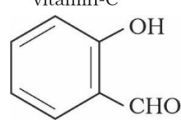
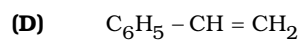
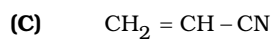
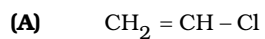


Date Planned : __ / __ / __	Daily Tutorial Sheet-10	Expected Duration : 90 Min
Actual Date of Attempt : __ / __ / __	Level-2	Exact Duration : _____

116. Which compound/set of compounds is used in the manufacture of Nylon-66?
- (A)  $\text{HOOC}(\text{CH}_2)_4\text{COOH} + \text{H}_2\text{N}(\text{CH}_2)_6\text{NH}_2$   
 (B)  $\text{CH}_2 = \text{CH} - \text{C}(\text{CH}_3) = \text{CH}_2$   
 (C)  $\text{CH}_2 = \text{CH}_2$   
 (D)  $\text{HOOC} - \text{C}_6\text{H}_4 - \text{COOH} + \text{HOCH}_2 - \text{CH}_2\text{OH}$
117. Intermolecular forces present in Nylon-66 are :
- (A) Van der Waal's (B) Hydrogen bonding  
 (C) Dipole-dipole interactions (D) None of these
118.  $\text{F}_2\text{C} = \text{CF}_2$  is a monomers of :
- (A) Teflon (B) Glyptal (C) Nylon-6 (D) Buna-S
119. Natural rubber and gutta-percha respectively are :
- (A) Cis-polyisoprene and trans-polyisoprene (B) Both are cis-polyisoprene  
 (C) Both are trans-polyisoprene (D) Trans-polychloroprene and cis-polychloroprene
120. The polymer which has amide linkage is :
- (A) Nylon-66 (B) Terylene (C) Teflon (D) Bakelite
121. Nylon is classified as a condensation polymer because :
- (A) In its preparation a solid is formed from liquid monomers  
 (B) Its structure contains the peptide linkage,  $-\text{CONH}-$   
 (C) It can be prepared from aqueous solution of its monomers  
 (D) A small molecule is eliminated in its formation from its monomers
122. Which one of the following compounds is polyester ?
- (A) Polystyrene (B) Nylon 6, 6  
 (C) Terylene (D) Dimethyl benzene-1, 4-dicarboxylate
123. Match the following :
- | Column I   | Column II                     |
|--|-------------------------------|
| (A) D-Glucose  | (p) $\text{HIO}_4$ oxidation  |
| (B) D-(+)-Glyceraldehyde (Aldotriose)  | (q) $\text{NaBH}_4$ Reduction |
| (C)  (Ascorbic acid)<br>vitamin-C | (r) Tollen's test positive    |
| (D)                               | (s) Readily water soluble     |
| (E) 1, 3-Dihydroxy propanone (Ketotriose)  |                               |

**124.** The monomeric unit of orlon molecule is :



**125.** Which is not a macromolecule ?

**(A)** DNA

**(B)** Starch

**(C)** Palmitate

**(D)** Insulin