

## DPP-03

- Q.1** Total number of benzenoid phenolic structural isomers are possible for the formula  $C_8H_{10}O$
- Q.2** How many total open chain structural isomers are possible for  $C_4H_8$
- Q.3** Total number of benzenoid metamers are possible of molecular formula  $C_8H_{10}O$
- Q.4** Total number of possible metamers of  $C_4H_{10}O$
- Q.5** Total number of benzenoid structural isomers are possible of  $C_7H_9N$
- Q.6** Total number of possible structural isomers of Enol-form having molecular formula  $C_5H_{10}O$ , which can show Tautomerism
- Q.7** Total number of possible structural isomers of molecular formula  $C_4H_8Cl_2$
- Q.8** Total number of structural isomers of cyclic ethers having molecular formula  $C_4H_8O$
- Q.9** Total number of Benzenoid aromatic isomers of molecular formula  $C_7H_6Cl_2$
- Q.10** Total number of structural Isomers of cyclic ketone having four and there membered ring which can show tautomerism of molecular formula  $C_7H_{12}O$

## ANSWER KEY

1.  
(9)  
6.  
(8)

2.  
(3)  
7.  
(9)

3.  
(5)  
8.  
(7)

4.  
(3)  
9.  
(10)

5.  
(5)  
10.  
(19)

A