

Topic : IUPAC Nomenclature & Isomerism
Type of Questions

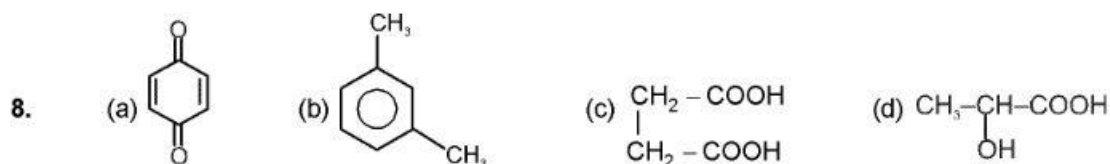
		M.M., Min.
Single choice Objective ('-1' negative marking) Q.1 to Q.5	(3 marks, 3 min.)	[15, 15]
Multiple choice objective ('-1' negative marking) Q.6 to Q.7	(4 marks, 4 min.)	[8, 8]
Subjective Questions ('-1' negative marking) Q.8	(4 marks, 5 min.)	[4, 5]

- In allene (C_3H_4), the type(s) of hybridisation of the carbon atoms is (are) :
 (A) sp and sp^3 (B) sp and sp^2
 (C) only sp^3 (D) sp^2 and sp^3
- The carboxyl functional group ($-COOH$) is present in :
 (A) picric acid (B) barbituric acid
 (C) ascorbic acid (D) aspirin
- Aspirin is known as :
 (A) Acetyl salicylic acid (B) Phenyl salicylate
 (C) Acetyl salicylate (D) Methyl salicylic acid
- How many benzylic hydrogen are present in cumene :
 (A) 1 (B) 2 (C) 3 (D) 6
- How many allylic hydrogen are present in Methylbut-2-ene.
 (A) 6 (B) 8 (C) 9 (D) 10
- * Which of the following is/are allylic alcohols ?
 (A) But-3-en-1-ol (B) But-3-en-2-ol
 (C) But-2-en-1-ol (D) But-1-en-1-ol
- * Which name/names is/are correct ?
 (A) CH_2Cl_2 ; Methylene chloride (B) CH_3-CHCl_2 ; Ethylidene chloride
 (C) $CH_2 = CH - Cl$; Vinyl chloride (D) $HC \equiv C - CH_2 - Cl$; Propargyl chloride
- Write the structure of the following.
 (a) Benzoquinone (b) m-Xylene
 (c) Succinic acid (d) Lactic acid

Answer Key

DPP No. # 7

1. (B) 2. (D) 3. (A) 4. (A) 5. (C)
 6. (B C) 7. (ABCD)



Hints & Solutions

DPP No. # 7

