Resonance® Educating for better tomorrow

TARGET : NEET (UG) 2024

Course : SARANSH (Youtube Live CRASH COURSE)

P/I-CHEMISTRY

DPP

DAILY PRACTICE PROBLEMS

DPP NO. 1

Organic Chemistry : Some Basic Principles and Techniques

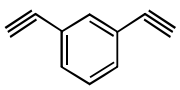
DPP No. : 1

SR. No.	DPPs Qs. Details		Marking Scheme				Time Details	
	Type of Questions	Code	Full Marks	(–)ve Marks	Total Ques.	Total Marks	Qs Time (in Min.) for Each Qs	Max. Time (in Min.)
1	MULTIPLE CHOICE QUESTION (ONLY ONE CORRECT OPTION)	MCQ	4	–1	10	40	1	10
	Total				**10**	**40**		**10**

1. How many sp^2–sp σ-bonds found in the given compound.

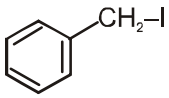
(1) 2 (2) 3 (3) 4 (4) 5

2. How many C–C sigma (σ) bonds are present in the given compound?



(1) 8 (2) 9 (3) 10 (4) 11

3. Which of the following statement is / are correct for following compound



(1) It is an allylic iodide (2) It is a vinylic iodide

(3) It is 2° benzylic iodide (4) It is 1° benzylic iodide

4. Which of the following is an allyl group

(1) $CH_2 = CH —$ (2) $CH_2 = CH — CH_2 —$

(3) $CH_2 = CH — CH_2 — CH_2 —$ (4) $CH_3 — CH = CH —$

5. $CH_2 = CH - Br$ is a / an

(1) Allylic bromide (2) Benzylic bromide (3) Vinylic bromide (4) All of these

6. How many π and σ bonds are in the given compound ?

$HC \equiv C - CH = CH_2$

(1) 3π and 6σ bonds (2) 3π and 7σ bonds (3) 2π and 7σ bonds (4) 4π and 8σ bonds

7. In $(CH_3)_4C$ how many type of degree of carbon present

(1) Primary and tertiary (2) Primary and quaternary (3) Only primary (4) Only secondary

8. Which of the following is tertiary chloride ?

(1) $(CH_3)_2CHCl$ (2) $(CH_3)_3CCH_2Cl$ (3) $(CH_3)_3CCl$ (4) CH_3CH_2Cl

9. The homologue of $CH_3 - CH_2 - CH_3$ is :

(1) $CH_2 = CH - CH_3$ (2) $CH_3 - CH_3$ (3)  (4) $CH_3 - C \equiv CH$

10. The general formula of C_4H_4 is :

(1) C_nH_{2n} (2) C_nH_{2n+2} (3) C_nH_{2n-4} (4) C_nH_{2n-2}