



TARGET : NEET (UG) 2024

Course : SARANSH (Youtube Live CRASH COURSE)

P/I-CHEMISTRY

DPP

DAILY PRACTICE PROBLEMS

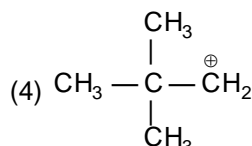
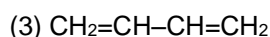
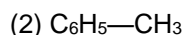
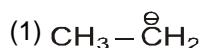
DPP NO. 3

Organic Chemistry : Some Basic Principles and Techniques

DPP No. : 3

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

1. Hyperconjugation is possible in which of the following species ?



2. How many dichloro cyclobutane are possible

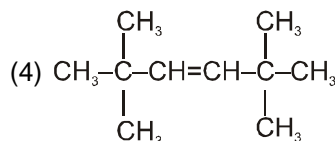
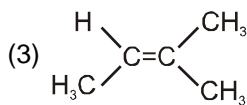
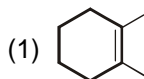
(1) 1

(2) 2

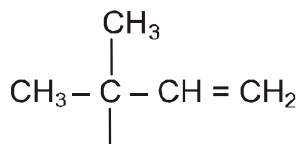
(3) 3

(4) 4

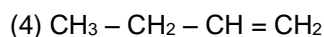
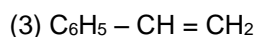
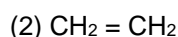
3. Which of the following alkenes will show maximum number of hyperconjugation forms ?



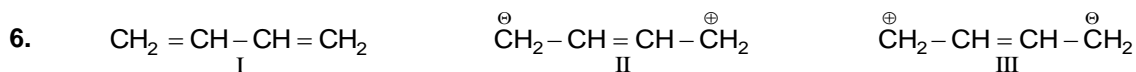
4. Hyperconjugation phenomenon is possible in :



(1)



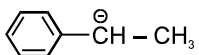
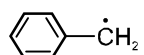
5. What is the % s character in hybridisation of carbon when it exerts strongest $-I$ effect ?
 (1) 25% (2) 50% (3) 75% (4) 100%



Among these which are canonical structures ?

- (1) I and II (2) I and III (3) II and III (4) all of these
7. Isomers have essentially identical :
 (1) Structural formula (2) Chemical properties
 (3) Molecular formula (4) Physical properties

8. Isopentane and Neopentane are :
 (1) Chain isomer (2) Positions isomers
 (3) Functional isomer (4) Meta isomer

9. Resonance is not possible in
 (1) $\text{CH}_2 = \overset{\oplus}{\text{N}}\text{H}_2$ (2) $\text{CH}_3\text{CH} = \text{C} = \text{CH}_2$
 (3)  (4) 

10. The most unlikely representation of resonance structures of fluorobenzene is :

