



TARGET : NEET (UG) 2024

Course : SARANSH (Youtube Live CRASH COURSE)

P/I-CHEMISTRY

**DPP**

DAILY PRACTICE PROBLEMS

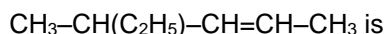
**DPP NO. 2**

## Organic Chemistry : Some Basic Principles and Techniques

### DPP No. : 2

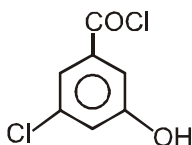
SR. No.	DPPs Qs. Details		Marking Scheme				Time Details			
	Type of Questions	Code	Full Marks	(-ve Marks)	Total Ques.	Total Marks	Qs (in Min.) for Each Qs	Time (in Min.)	Max. (in Min.)	Time
1	MULTIPLE CHOICE QUESTION (ONLY ONE CORRECT OPTION)	MCQ	4	-1	10	40	1		10	
	<b>Total</b>				<b>10</b>	<b>40</b>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

1. The IUPAC name of the compound



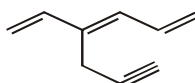
- (1) 4-Ethylpent-2-ene (2) 4-Methylhex-2-ene  
(3) 3-Ethylpent-2-ene (4) 2-Ethylpent-2-ene

2. What is the IUPAC name of



- (1) 5-Chloro-3-hydroxybenzenecarbonyl chloride.  
(2) 3-Hydroxy-5-chlorobenzenecarbonyl chloride.  
(3) 3-Chloro-5-hydroxybenzenecarbonyl chloride.  
(4) 1-Chlorocarbonyl-3-chlorobenzen-1-ol

3. IUPAC name of the following compound is



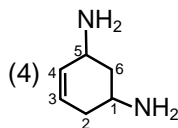
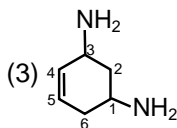
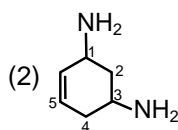
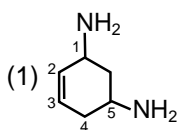
- (1) 3-(Prop-2-ynyl)hexe-1,3,5-triene (2) 4-Ethenylhepta-1, 3-dien-6-yne  
(3) 4-Ethenylhexa-4, 6-dien-1-yne (4) 4-(Prop-2-ynyl) hexa-1,3,5-triene

4. Molecular formula  $\text{C}_3\text{H}_9\text{N}$  represents :

- (1) Only primary amine  
(2) Only secondary amine  
(3) Three primary amine, two secondary amine and one tertiary amine  
(4) Two primary amine, one secondary amine and one tertiary amine



5. Which of the following has correct IUPAC numbering :



6. Which of the following is a correct name according to IUPAC rules?

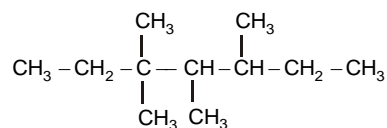
(1) 2,3-Diethyl hexane

(2) 3-Ethyl-2-methyl pentane

(3) 3,4-Dimethyl pentane

(4) 2-Ethyl-2-methyl pentane

7. In following compound -



The correct lowest set of locants are :

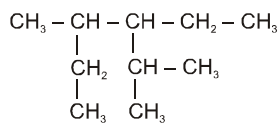
(1) 3,3,4,5

(2) 3,4,5,5

(3) 4,5,3,3

(4) 5,5,4,3

8. The correct IUPAC name of the following compound is



(1) 4-Ethyl-3,5-dimethylhexane

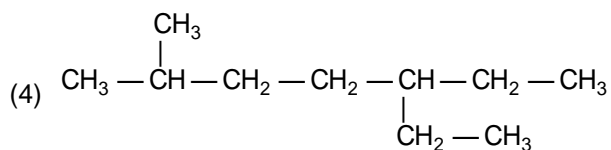
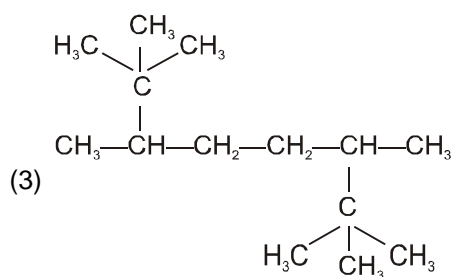
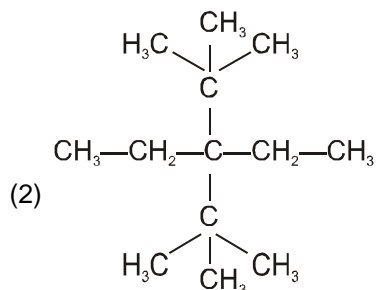
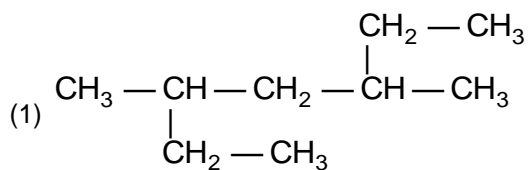
(2) 2,4-Dimethyl-3-ethylhexane

(3) 3-Isopropyl-4-methylhexane

(4) 3-Ethyl-2,4-dimethylhexane



9. Which of the following has longest chain of carbon :



10. The IUPAC name of the radical  $-\text{CH}_2-\underset{\text{Cl}}{\text{CH}}-\text{CH}_3$  is :

- (1) 2-Chloropropyl      (2) 2-Chloro-2-methylethyl      (3) 1-Chloropropyl      (4) None of these

