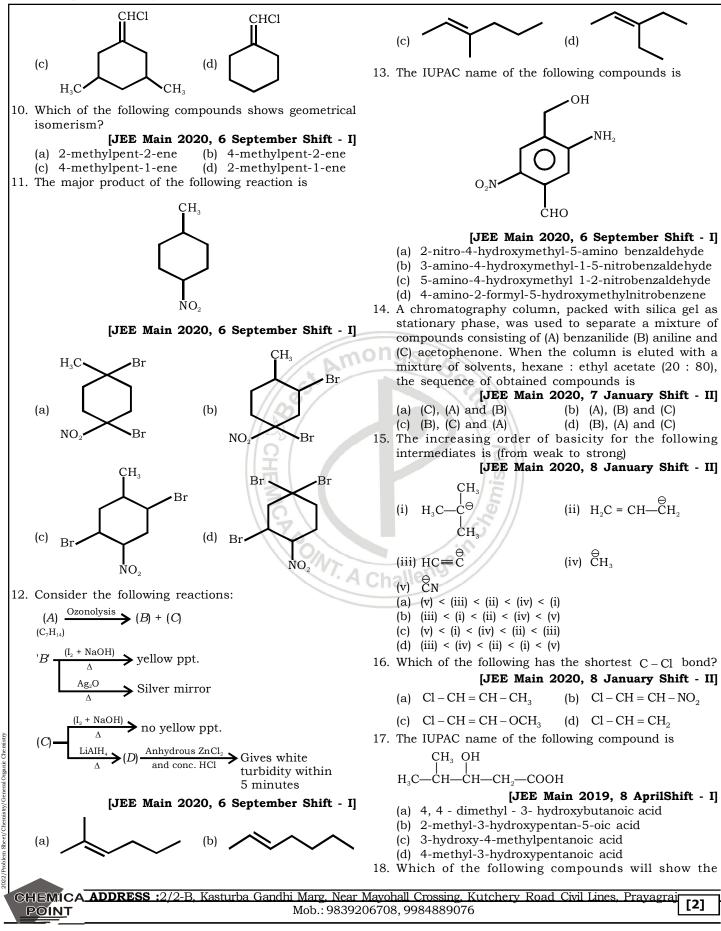
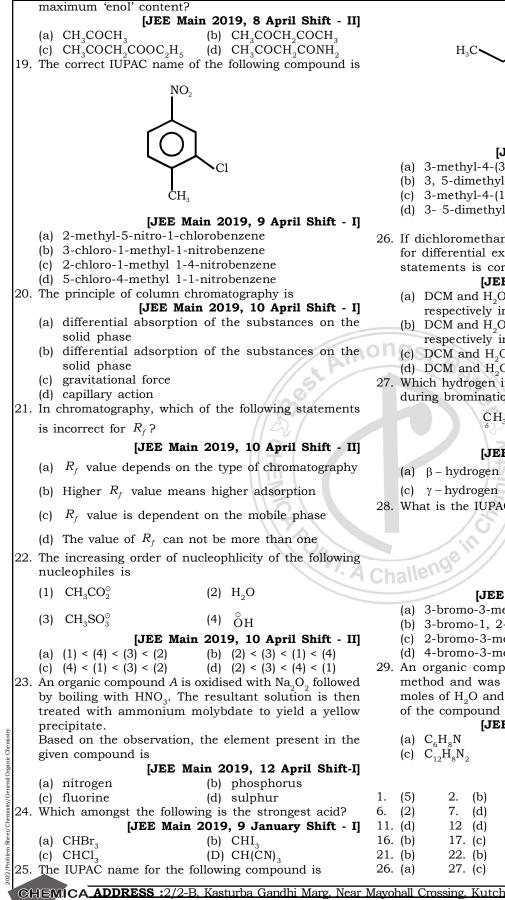


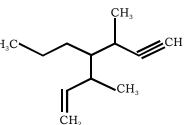
**General Organic Chemistry** 



# **General Organic Chemistry**

POINT





## [JEE Main 2019, 12 April Shift - II]

- (a) 3-methyl-4-(3-methylprop-1-enyl)-1-heptyne
- (b) 3, 5-dimethyl-4-propylhept-6-en-1-yne
- (c) 3-methyl-4-(1-methylprop-2-ynyl)-1-heptene
- (d) 3- 5-dimethyl-4-propylhept-1-en-6-yne
- 26. If dichloromethane (DCM) and water  $(H_2O)$  are used for differential extraction, which one of the following statements is correct?

### [JEE Main 2019, 10 January Shift - I]

- (a) DCM and H<sub>2</sub>O would stay as lower and upper layer respectively in the S.F.
- DCM and H<sub>2</sub>O would stay as upper and lower layer respectively in the separating funnel (SF)
- (c) DCM and H<sub>o</sub>O will be miscible clearly

(d) DCM and H<sub>2</sub>O will make turbid/colloidal mixture 27. Which hydrogen in compound (E) is easily replaceable during bromination reaction in presence of light?

$$C_{\delta}H_{3} - C_{\gamma}H_{2} - C_{\beta}H = C_{\alpha}H_{2}$$

### [JEE Main 2019, 10 January Shift - I]

(b)  $\delta$  – hydrogen

- (a)  $\beta$  hydrogen
- (d)  $\alpha$  hydrogen
- 28. What is the IUPAC name of the following compound?



## [JEE Main 2019, 10 January Shift - II]

- (a) 3-bromo-3-methyl-1, 2-dimethylprop-1-ene
- (b) 3-bromo-1, 2-dimethylbut-1-ene
- (c) 2-bromo-3-methylpent-3-ene
- (d) 4-bromo-3-methylpent-2-ene
- 29. An organic compound is estimated through Dumas method and was found to evolved 6 moles of CO<sub>2</sub>, 4 moles of H<sub>2</sub>O and 1 mole of nitrogen gas. The formula of the compound is

		[JEE	Main 2019,	11 January	Shift - I]
e element present in the	(a)	C <sub>6</sub> H <sub>8</sub> N	(b)	$C_{12}H_8N$	
	(c)	$C_{12}H_{8}N_{2}$	(d)	$C_{6}H_{8}N_{2}$ .	
2019, 12 April Shift-I]					
) phosphorus			ANSWER		
) sulphur	1. (5)	2. (b)	3. (c)	4. (d)	5. (d)
is the strongest acid?	6. (2)	7. (d)	8. (2)	9. (b)	10. (b)
19, 9 January Shift - I]	11. (d)	12 (d)	13. (c)	14. (a)	15. (a)
) CHI <sub>3</sub>	16. (b)	17. (c)	18. (b)	19. (c)	20. (b)
$\dot{O}$ ) CH( $\ddot{C}N$ ) <sub>3</sub>	21. (b)	22. (b)	23. (b)	24. (d)	25. (d)
wing compound is	26. (a)	27. (c)	28. (d)	29. (d)	
asturba Gandhi Marg, Near M			ry Road Civil	Lines, Prayag	
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