

Course on Nomenclature of Organic Compounds for Class XI

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## IIT - ORGANIC CHEMISTRY NURTURE

Corporate Office: NAIVEDHYAM, Plot No. SP-11, Old INOX, Indra Vihar, Kota (Raj.) 324005



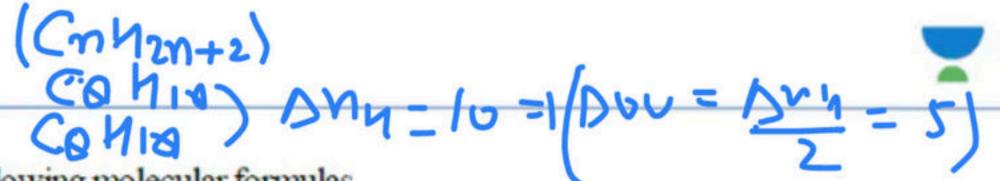


DPP # 01 Time: 30 Min.

Q.Count the number of primary, secondary, tertiary, quarternary carbon as well as hydrogen in given compound:

S.No.	Compound	1°C	2°C	3°C	4°C	1°H	2°H	3°H	σ/π	
1.	CH <sub>3</sub>	4	4	O	2	12	7	O	31,	D
27 <sub>M</sub>	CH=CH-CHCH <sub>2</sub> CH <sub>3</sub> CH <sub>3</sub>	2	8	2	O	6	10	) 2	30,	3
(Y) 3. (V)	M-SI-Sum N-SI-Sum	2	2	2	0	6	2	0	14/	2





- Q. Find the degree of unsaturation for following molecular formulas.
- 71. C.H.NO

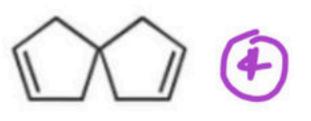
2. C<sub>8</sub>H<sub>8</sub>

- 73.
- C<sub>10</sub>H<sub>12</sub>IBrCl<sub>2</sub>

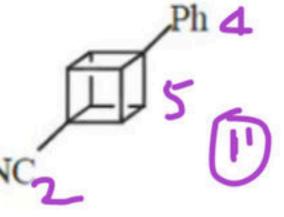
 $^{7}_{12}H_{8}Cl_{2}Br_{2}O_{2}$ 

- 5.
- C6H5ClBr2O2
- Q. Find the degree of unsaturation of the following compounds.

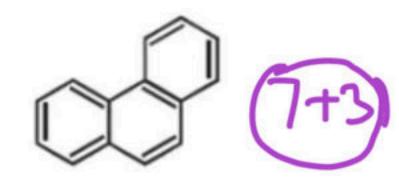
1.



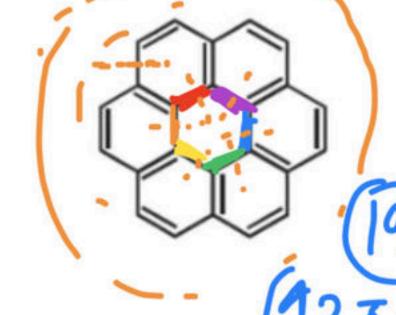
2.



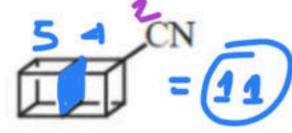
3.



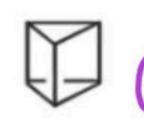
4



S.



6.



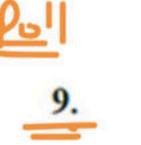
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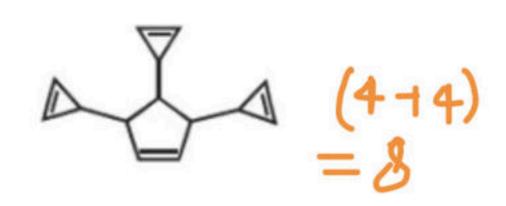


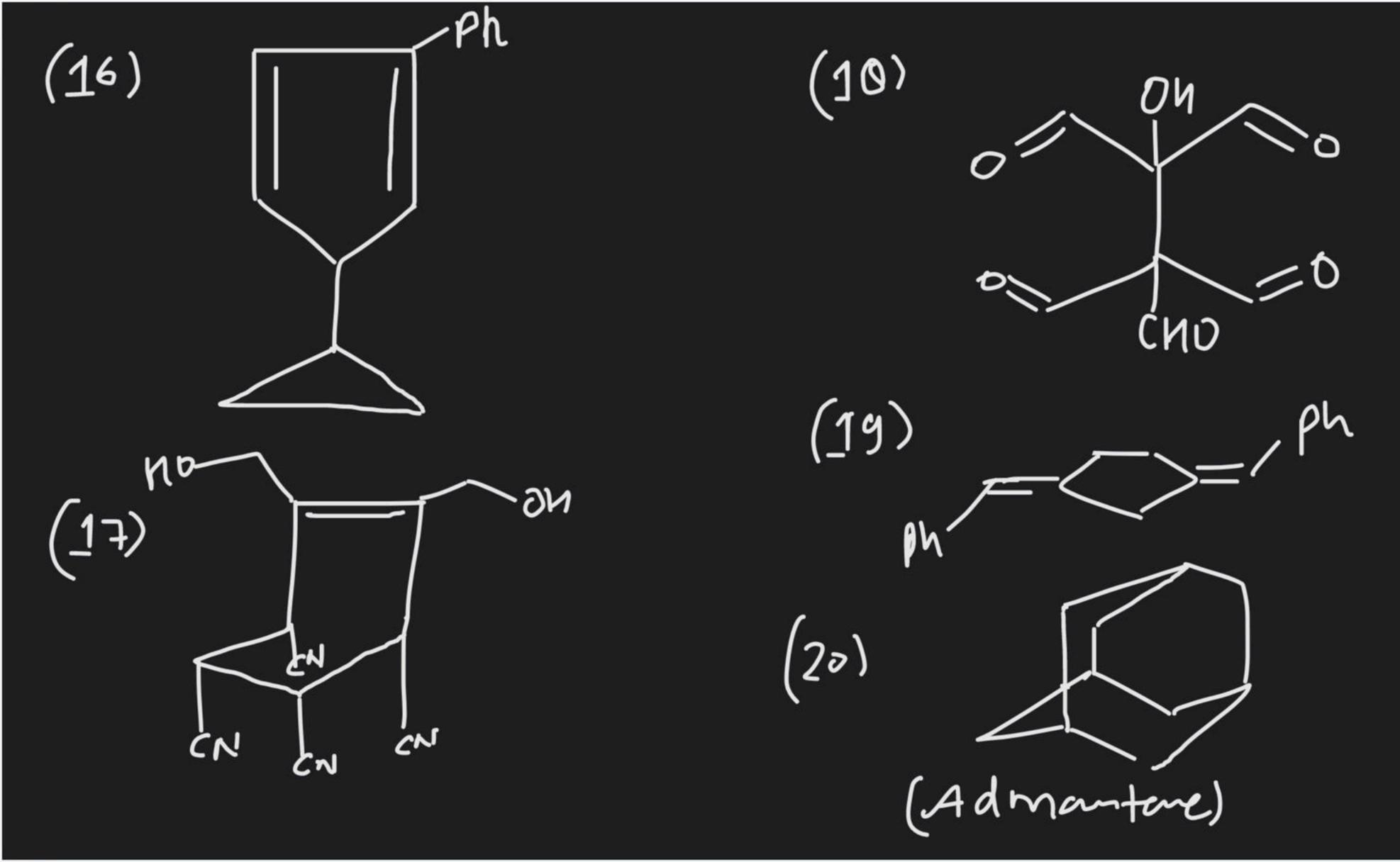


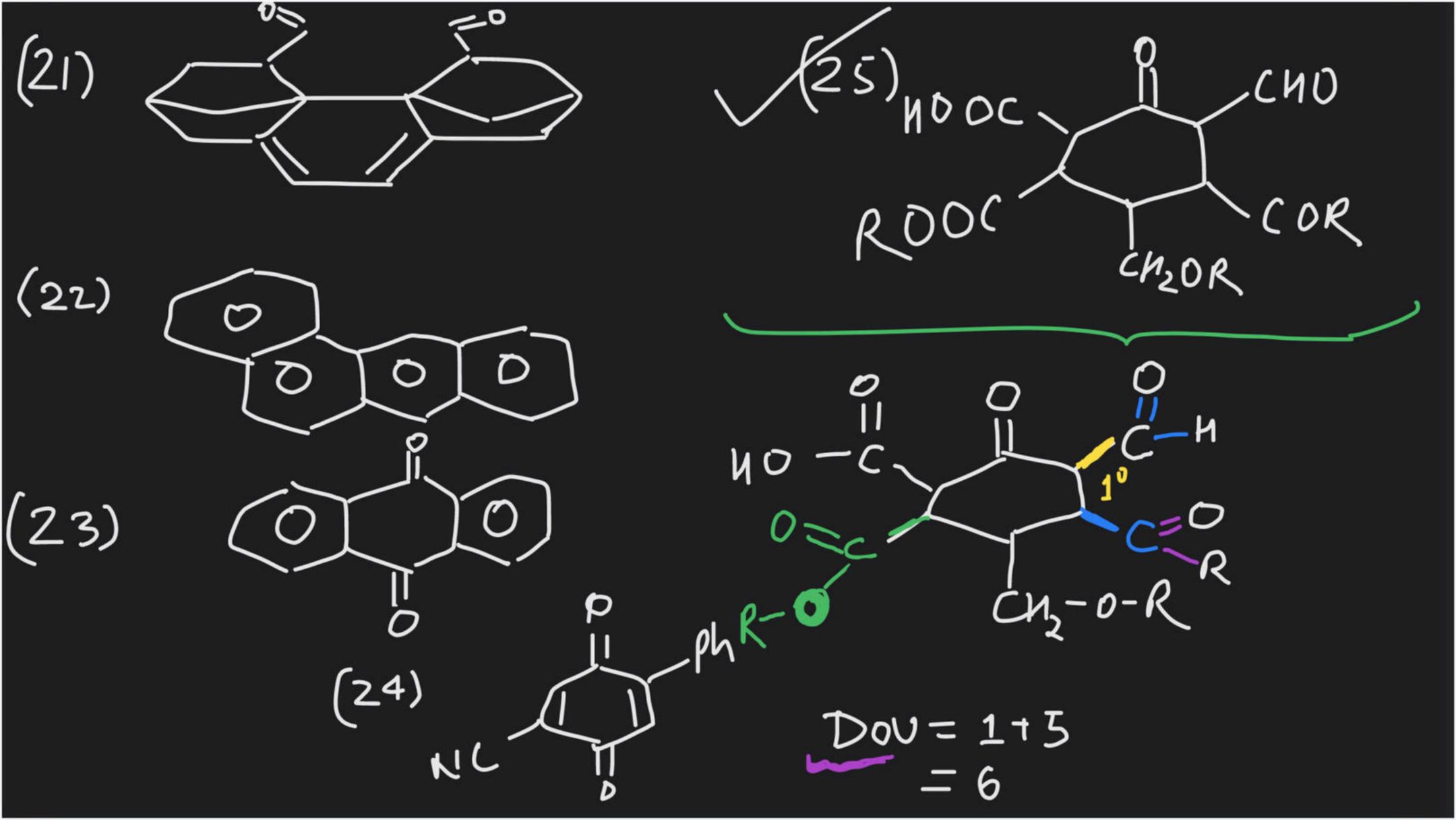


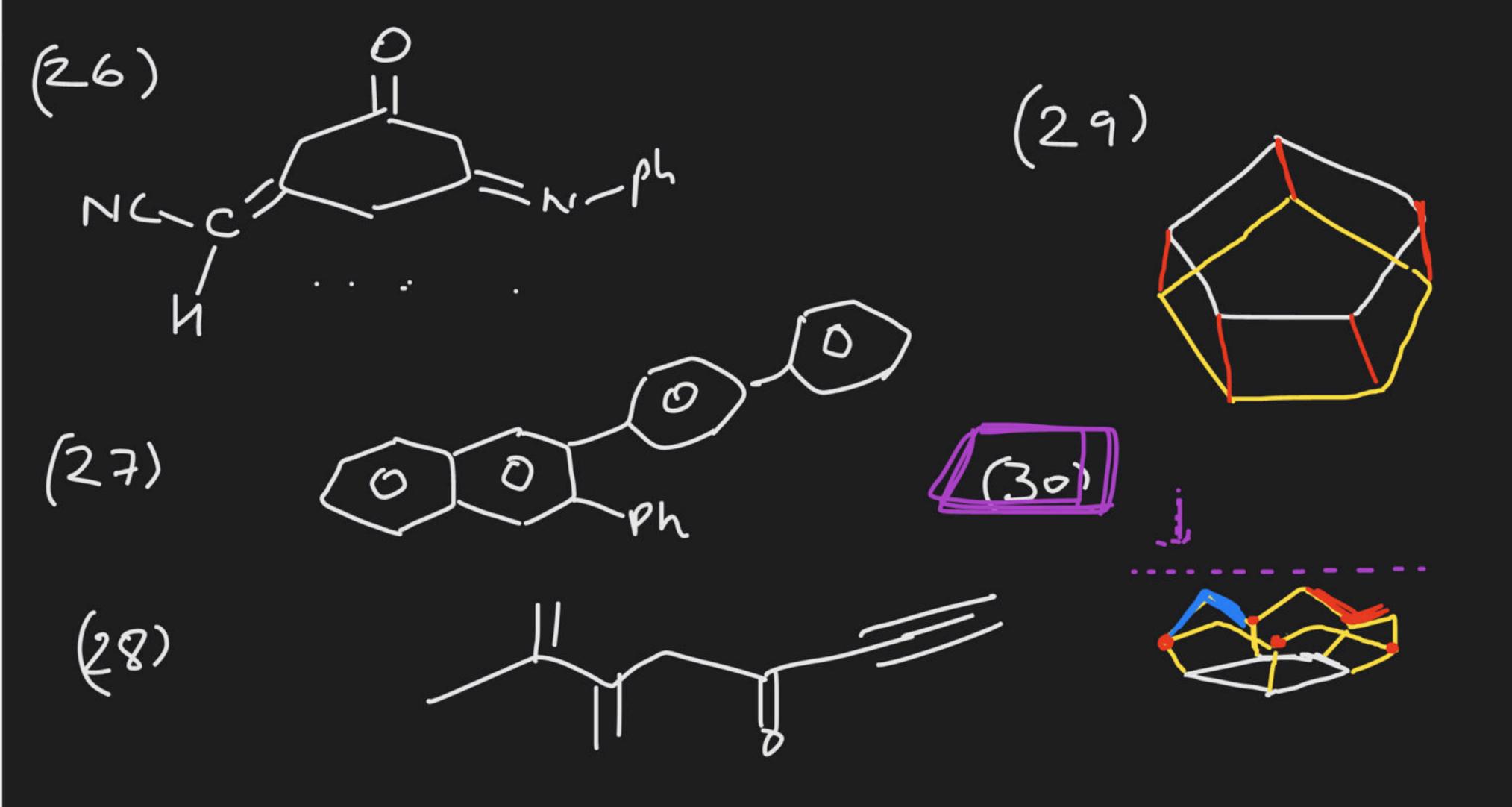










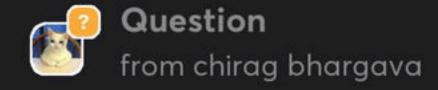


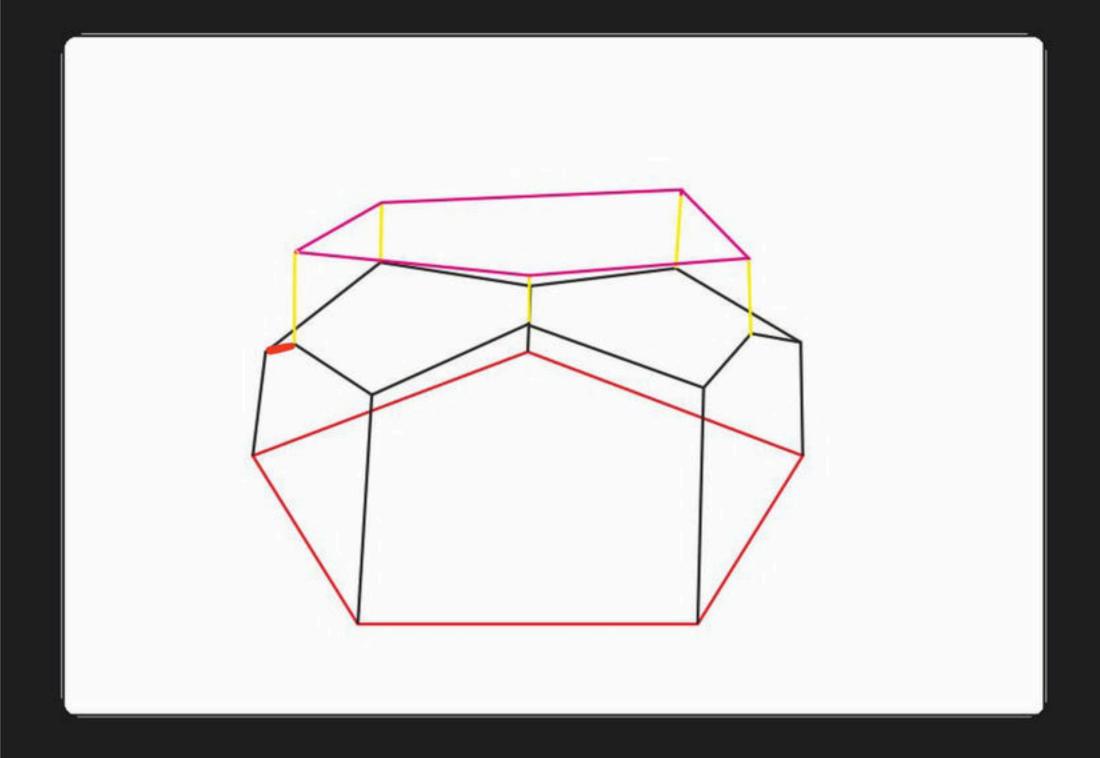
(31) 
$$C_{7}M_{6}/C_{7}M_{16}/\Delta M_{4} = 10/D0U = \frac{10}{2} = 5$$

(32)  $C_{43}/C_$ 

<u>all like hydrogen</u>. (34)Dou = 1 -u =) monovalent atom (-f, -(1, -Bv, -I, -D, -T, -1)(35) C6016/C646/C6414/DMn=8/DOU=4 (36) C61/2 C12 BV2

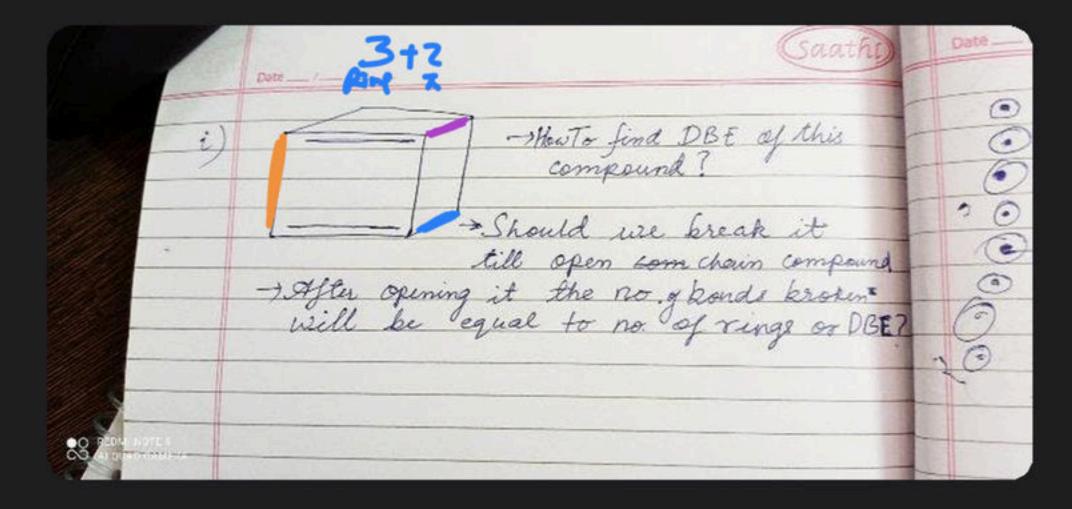
(37) (6FCIBVI DT (38) (4 1/2 C/6 (39) C6116 C16 (40) ColfBrz Iz (41) (15 (42) Co (43) (Y Cartina (44) (100 40/ C100 H202/ Dny = 202/ DOV = 101 (45) (x Hy

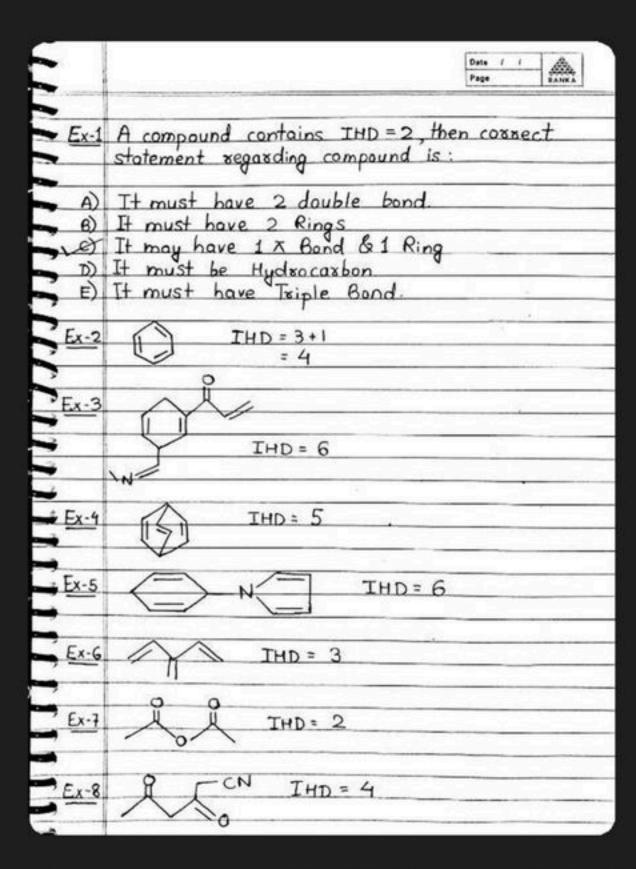






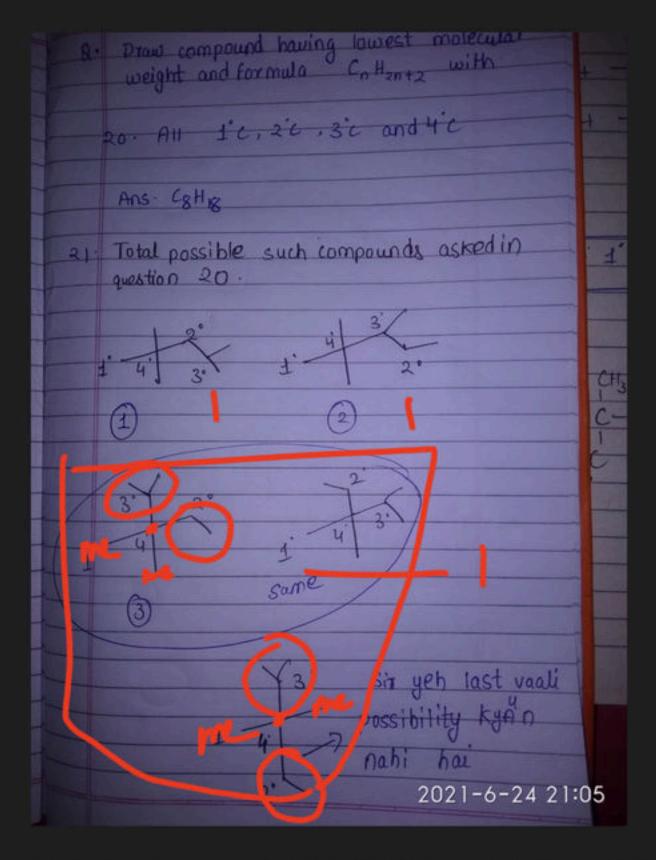
## Sir my doubt







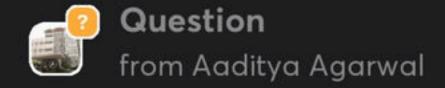
## sir answer 4 kyun nahi haii

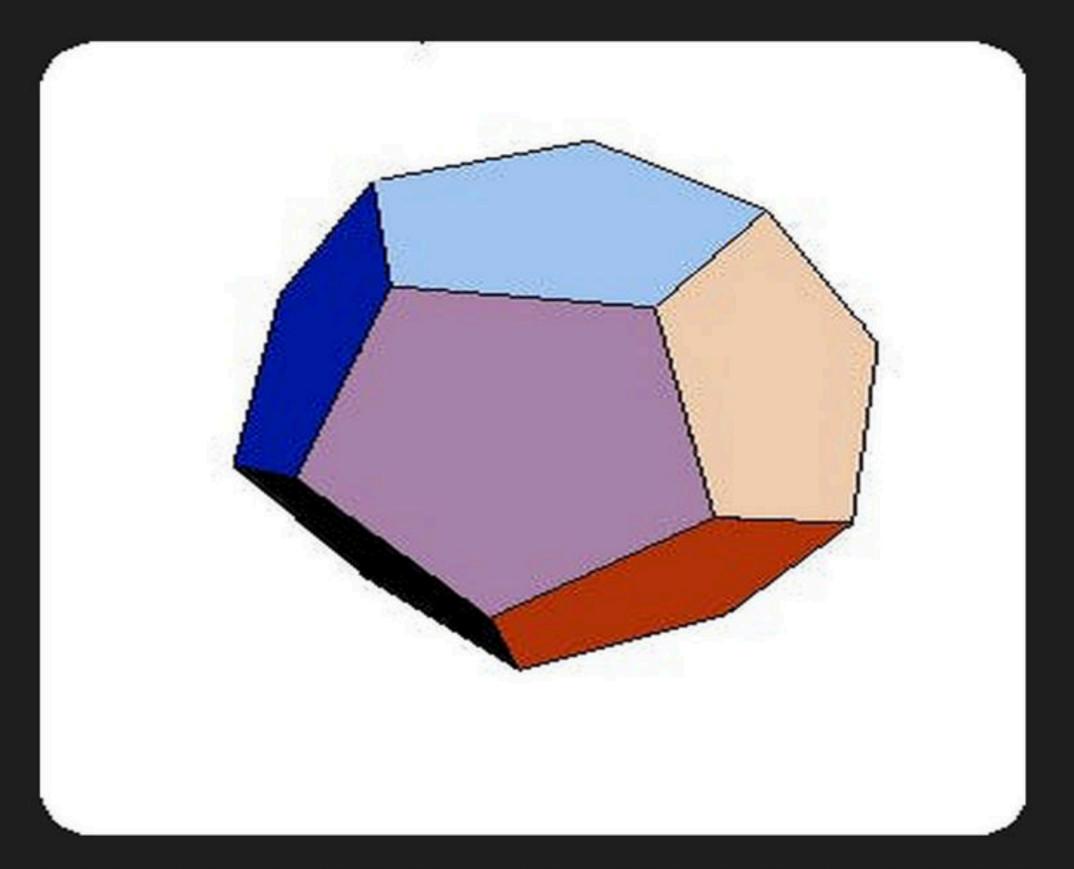


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Ye phir se batao sirji plzzzz batado sirji





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