



TIME: 30 Min.

**DPP # 01** 

**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	2ºH	3°H	σ/π
1.	HO CH <sub>3</sub>								
2.	CH=CH-CHCH <sub>2</sub> CH <sub>3</sub> CH <sub>3</sub>								
3.									

- Find the degree of unsaturation for following molecular formulas. Q.
- 1.  $C_6H_5NO_2$

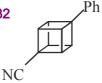
- C<sub>8</sub>H<sub>8</sub> 80
- - $C_{10}H_{12}IBrCl_2$

- $C_{12}H_8Cl_2Br_2O_2$
- $C_6H_5ClBr_2O_2$
- Find the degree of unsaturation of the following compounds. Q.

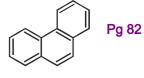
Pg 81 1.



2.



3.



Pg 82

80



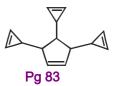


Pg 83 7.





9.



10.



Pg 83