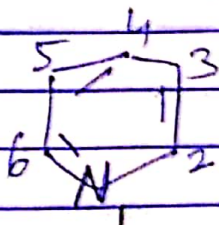


Nomenclature of heterocyclic compound

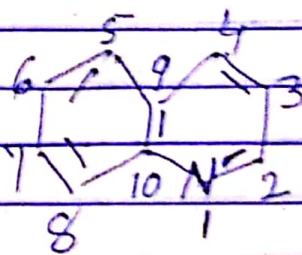
Here are given the common name of some of the most important five and six membered heterocycle compound.

It is important to note that these common names are also used in IUPAC Nomenclature as well.

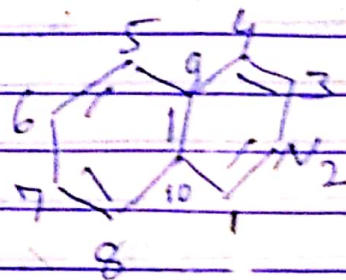
Six-membered Rings:



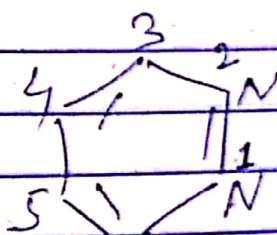
Pyridine



Quinoline

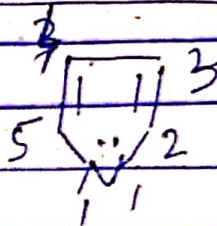


Isoquinoline

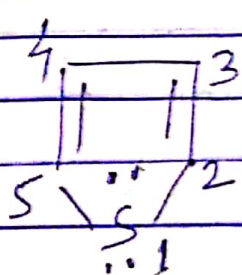


Pyridazine

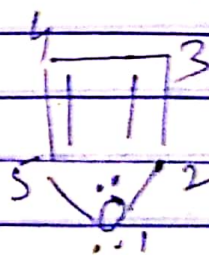
Five member ring



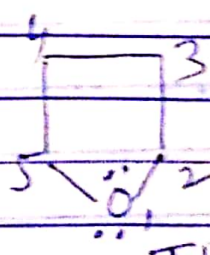
H Pyrrole



Thiophene



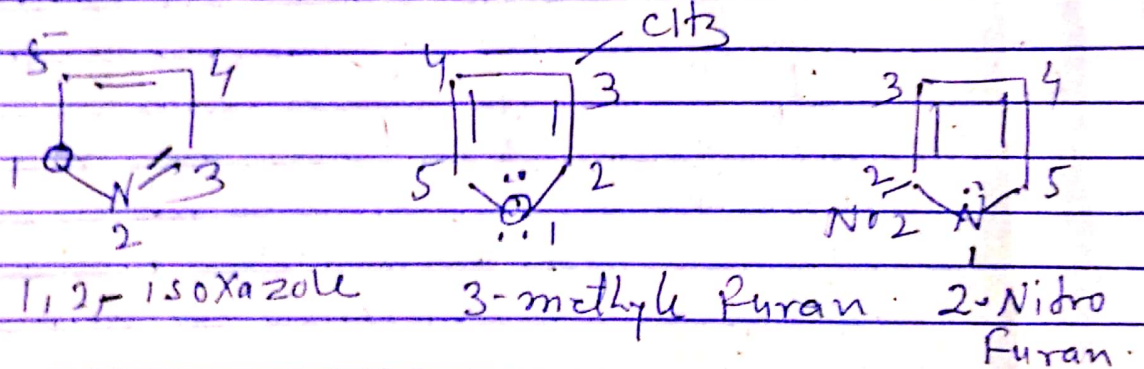
Furan



THF

Here it is interesting to note that five member ring ^{with nitrogen} ends with name 'ole'.

While six member ring with nitro ends with name 'ine'. IUPAC name numbering starts always with hetero atoms. Only exception of rule is Isoquinoline. When ring has more than one hetero atoms the numbering is start with preference of O, S or then N.



Some time α, β, γ numbering is also given w.r.t. functional group i.e. hetero atoms.

