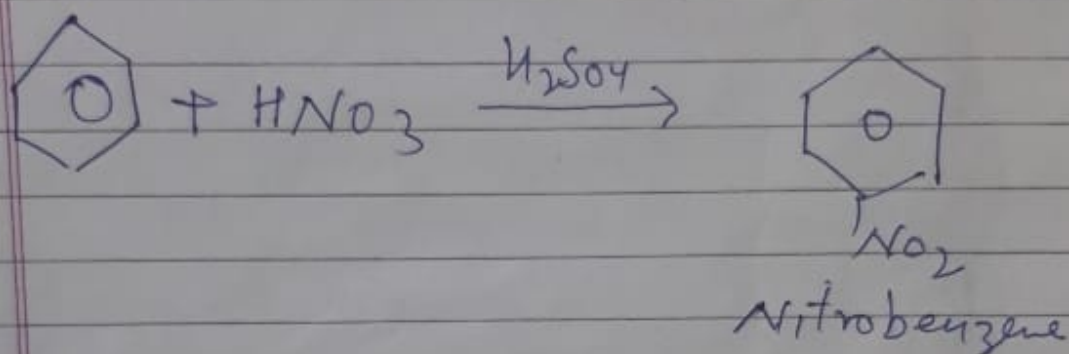


Benzene

Gr. CW. (Chemistry dept). Sec-(A+B)
Sem - II date - 26-3-2020

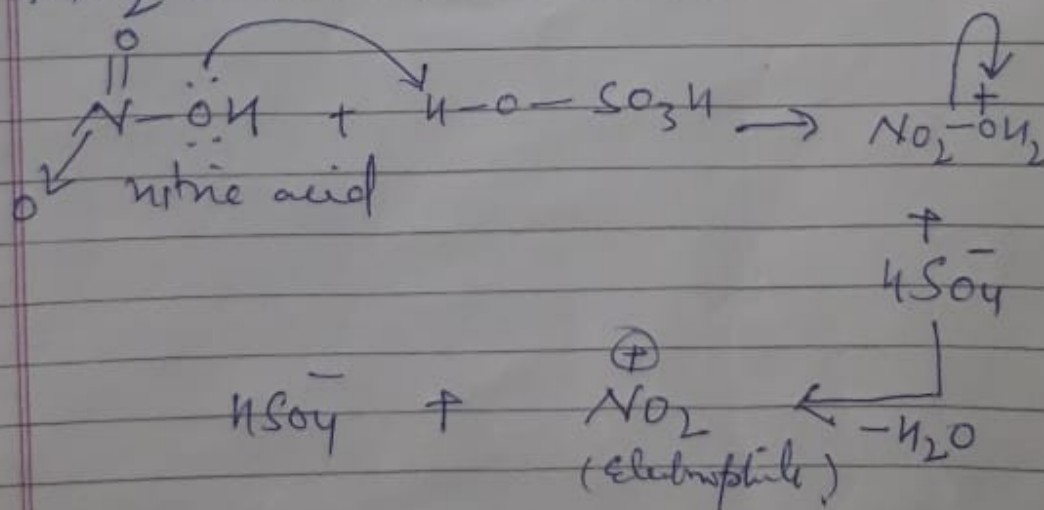
Rxn with mechanisms of give
Electrophilic Substitution rxn.
of benzene.

(1) Nitration of Benzene.



Mechanism.

Step-I Generation of electrophile
 NO_2^+ (Nitronium ion).



Step-II Attack of electrophile
on benzene ring form π complex

