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e = Equatorial positions. Rapid interconversion of α-D-glucose and β. glucose in solution is called A) Racemization (B) Assymetric Induction C) Mutarotation (D) Fluxional Isomerism. Reaction intermediate in Ecb reaction, is A) Carbocation (B) Carbanion (C) Benzyne (D Free radical. Which among the following, compounds will by Ar SN reaction by formation of benzyne as reaction intermediate A) (B) (C) (C) (D) (D) Assign products A' and B in the following reaction In SN<sub>2</sub> reaction which compound will give Walden XK (1) Ch (3) Cont.

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viii) (X) Tartaric and meso tartaric acid are

- Geometrical isomers (D) conformers.
- Write notes on any two of the following

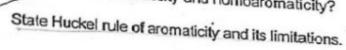
A) Hyper conjugation (B) Cross - conjugation,

Resonance (D) Alternant and non alternant

10+10=20

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What are antiaromaticity and homoaromaticity?



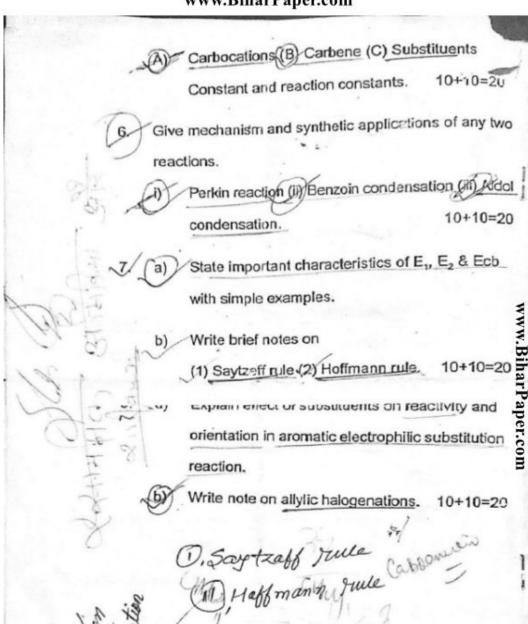
10+10=20

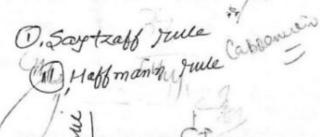
- Discuss conformational analysis of decalins and effect of conformation on reactivity.
  - Give details about stereo chemistry of the following (i) Biphenyls (ii) Allenes 10+10=20
- Write notes on any two of the following:

XK (1) Ch (3)

Turn Over

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