Sardar Bhagwan Singh University
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Organic Chemistry (CHEM-522)

MM: 20

Each carry one mark

1. Diels Alder reaction is allowed in which Condition.

2. Which catalyst increase the rate of DAR.

3. The other name of EneReaction is.

4. Cope Rearrangement is a type of which rearrangement.

5. In which condition π_s[2+2] cycloaddition reaction is allowed.

6. Give one example of aromatic Diene which gives DAR.

7. Write one ~~type of~~ example of 1,3 Dipolar Reaction.

8. The product which is more feasible in DAR is.

9. Write one example of dienophile.

10. Which Conformation of diene gives DAR.

11. In which mechanism the loss of leaving group is simultaneous with removal of the Proton by the base take place.

12. Is E2 elimination can be stereospecific.

13. Which reaction mechanism gives more substitute alkene.

14. Is OH^- a good leaving group in E2 reactions.

15. Increasing branching favours elimination over substitution. Is it true or false

16. Out of Saytzeff and Hofmann, which rule give more substituted alkene.

17. Out of E and Z alkene, which are usually lower in energy.

18. Is E2 Elimination have anti periplanar transition state.

19. Is E1 reactions can be stereoselective.

20. The rate determining step in E2 reaction is.