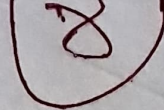


Organic Chemistry Quiz-6: 20-Feb-2023. Time: 15 min



Write your roll number on the top of the page. Generally speaking, space available in this single page is expected to be sufficient; however ask for additional page if needed.

1. (5 points) In elimination reactions, which type of elimination has stereospecificity (or stereoselectivity)? Give an example, giving mechanism (with electron pushing scheme).
2. (4 points) List conditions for elimination of Hofmann type vs Saytzev type.
3. (6 points) Elimination reaction can be significantly affected by the substituent groups. Write a note with examples of various type of effects seen when activating groups are present.