

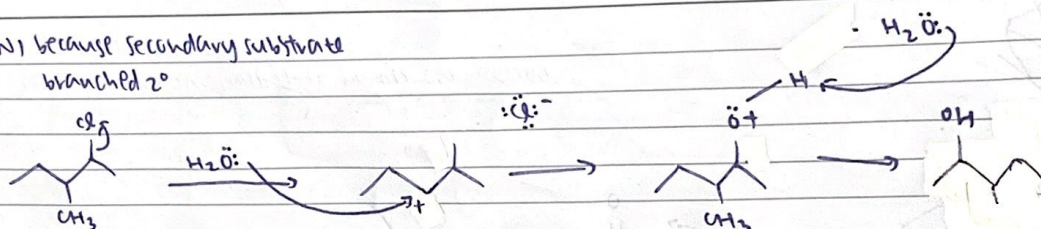
Date:

No:

a i

SN1 because secondary substrate
branched 2°

ii



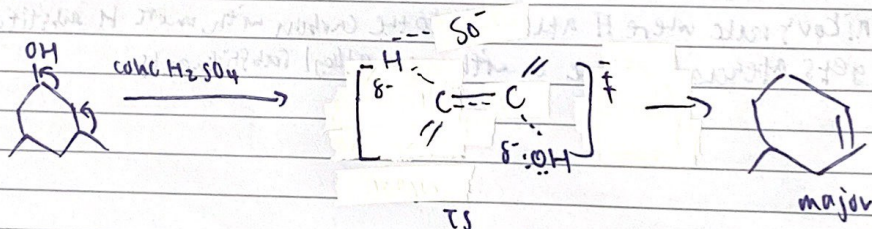
iii

racemization (with majority inversion) is the major product

bi

secondary substrate
E2 because branched 2°

ii



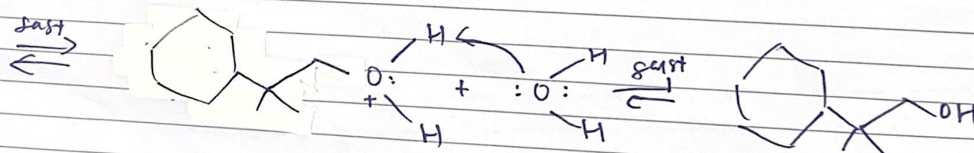
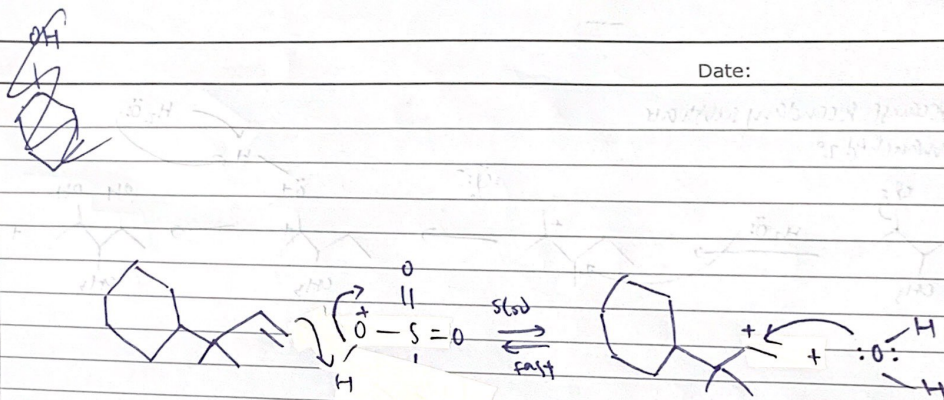
iii

Zaitsev's rule - more substituted alkene will be preferred

Date:

No:

5



major

II

Follows the markovnikov's rule where H attached to the carbon with more H substituents and halide group gets attached to the C with more alkyl substituents