TIME: 30 MINS

Name:

Roll No:

Section:

1. A) Determine the absolute configurations [R/S notation] for the following molecules. Indicate the priority sequence of groups according to CIP rules.

B) Identify all the stereogenic(*) centres in the molecules given below. And predict the total no of stereoisomers each structural representation can have

Me 1 dl pair (taus)

Me 1 mso (cis borner)

Me Total = 3 stererisomers

C) Find the relation between the following molecules, identify them as Identical, Enantiomeric or Diastereomeric

a) Draw one chair form of cis-1,2-dimethyl cyclohexane. Calculate the number of gauche

CON

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