**S. V. G .M GDC KALYANDURG**

**Sub- Chemistry Sem-1st year II sem Year-2021-2022)**

**Section- A**

Answer any **one** question **[5x1=5marks]**

1.explain enantiomers and diasteromers and give examples?

2.what is meant by Markownikoff rule? Examples with mechanism?

**Section-B**

Answer the following any **five** questions? **[2x5=10 marks]**

1.explain diels alder reactions?

2.Briefly explain the following (a) zeta potential (b) Hardy-Schulze rule

3.What are colloids? Explain the following properties?

(a) Tyndall effect (b) Gold numbers

4.Explain the Friedel-Craft reactions with explain Alkylation?

5.What are the emulsions? Give examples?

6.What is the Huckel rule ? Any one preparation benzene?

**Section-C**

Answer all the **FIVE** of the following questions **(5x1=5)**

1.Hukel rule formula\_\_\_\_\_\_\_\_\_\_\_\_

2 Hybridization in Benzene\_\_\_\_\_\_\_\_\_\_\_\_\_

3.Conjugated dienes example is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.Ozonalas is Reaction \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.Anti Markownikoff Reaction\_\_\_\_\_\_\_\_\_\_\_\_