

Ques

J.C. Bose University of Science & Technology, YMCA, Faridabad,

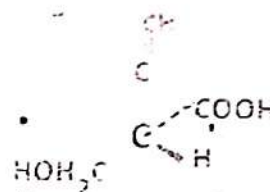
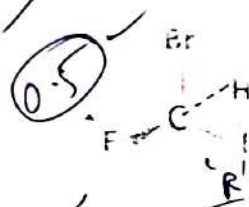
B. Tech (CE-12), Semester-I (July-Dec 25)

Sessional-I, Chemistry (BSC-102)

Time-1.5 Hours

Answer all the Questions

1. Give the synthesis of Aspirin Drug and its one use. (3)
2. Arrange the following in the increasing order of ionic radii: (2)
 $N^{3-}, O^{2-}, F^{-}, Na^{+}, Mg^{2+}, Al^{3+}$
3. Write short note on the (4)
(a) Friedal Craft acylation (b) Nitration of benzene
4. Assign the R and S configuration of the following molecules: (3)



5. Define Electronegativity and give the formula for any one of its scale. (3)