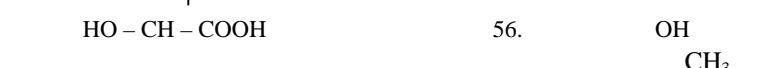
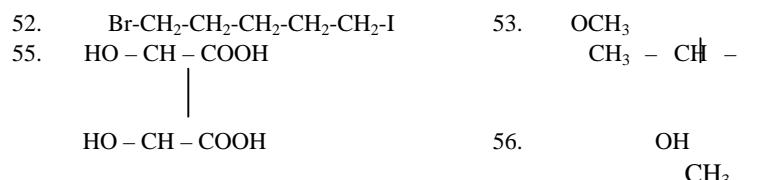
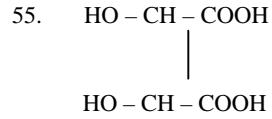
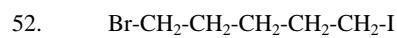
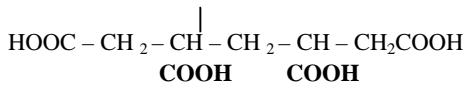
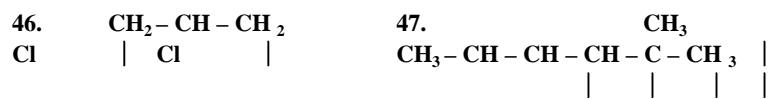
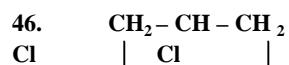
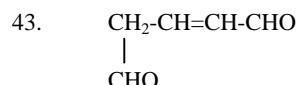
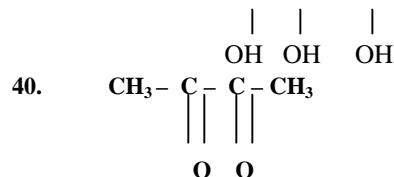
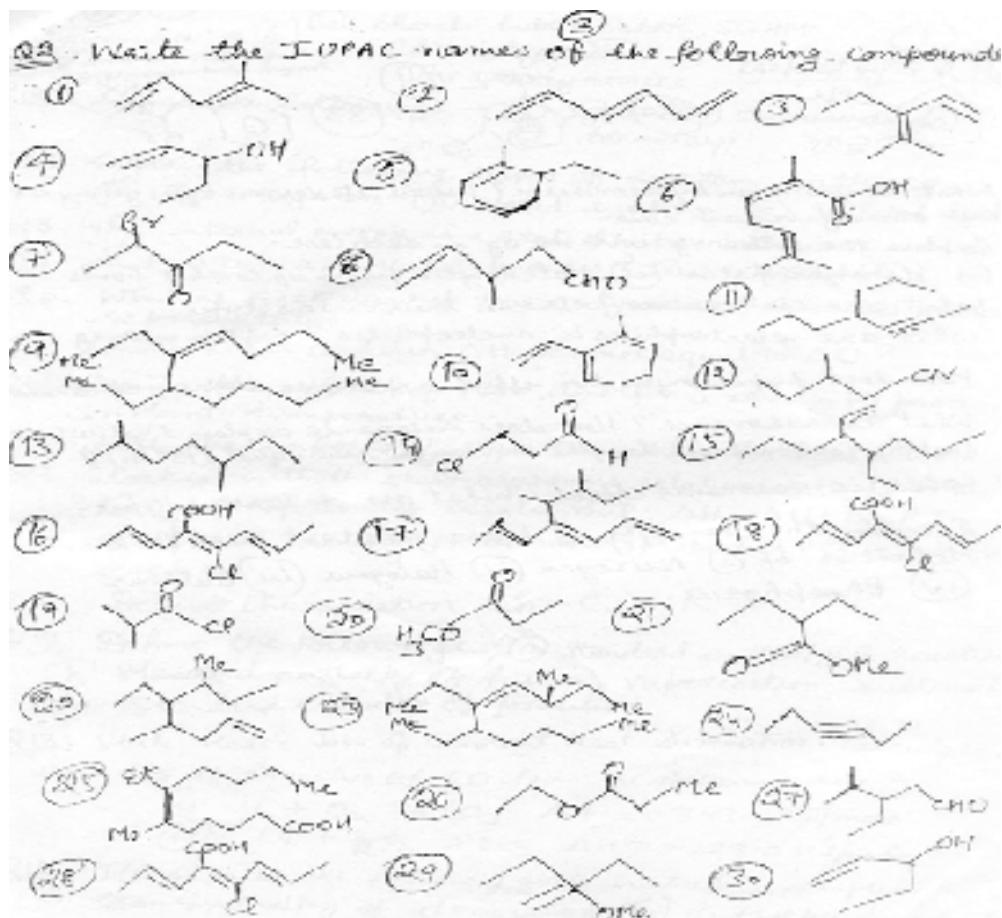
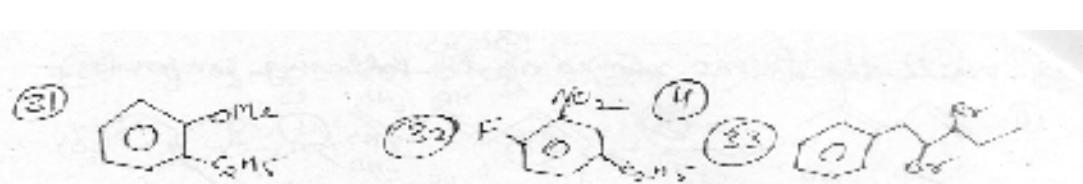


54.
CHO



$- \text{CH} - \text{COOH}$





- Q3. What do you mean by isomerism? Discuss its various types giving at least one e.g. in each case.
- Q4. Explain the following with one e.g. in each case: - (i) Hemolytic Fission (ii) Heterolytic fission of covalent bonds
- Q5. What are carbocations? Discuss their various types.
- Q6. What are electrophiles & nucleophiles? Explain with e.g.
- Q7. How does hyper conjugation effect explain the stability of alkenes?
- Q8. What is resonance? How does resonance explain that all carbon-carbon bond lengths in benzene are equal (139 pm)?
- Q9. What is resonance effect? What are its various types?
- Q10. Describe chemistry of Lassaigne's test used for the detection of (i) Nitrogen (ii) Halogens (iii) Sulphur (iv) Phosphorus.