

Organic Chemistry Quiz-1: 23-Jan-2023. Time: 20 min

Write your roll number on the top of the page. Generally speaking, space available in this single page is expected to be sufficient; however ask for additional page if needed.

1. (5 points) Write a short sentence on each of the factors that may influence the acidity of organic compound  $HA$
2. (5 points, 4-5 sentences) Differentiate between Lewis and Bronsted bases (or acids, only one of them). Illustrate with examples.
3. (5 points, 4-5 sentences) Discuss the effect of the solvent on the basicity. Illustrate with an example.