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Chemistry Lab - VI

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Course Code: BEB651
Contact Hours: 30

Credit: 01 (L 0, T 2)
MM: 100

Course Outline:

1. Viscosity-composition curve for a binary liquid mixture.
2. Surface tension-composition curve for a binary liquid mixture.
3. Determination of indicator constant - colorimetry.
4. Determination of pH of a given solution using glass electrode.
5. Beer's Law - Determination of concentration of solution by colorimetry.
6. Order of reaction of I2 / Acetone / H+.
7. Equilibrium constant of methyl acetate hydrolysis reaction.
8. Dissociation constants of weak acid, base.
9. Conductometric titration: acid-base.
10. Potentiometric titration: acid-base.
11. Kinetics of catalytic decomposition of H2O2.
12. Kinetics of acid-catalysed hydrolysis of sugar (chemical method).

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