



2. Write short notes on : 5+5

(a) Theory of redox titrations

(b) Electrophoresis.

3. Define polarography. Write down the instrumentation and important applications of polarography. 10

4. What are the advantages and disadvantages of amperometric titrations ? 10

5. Write short notes on : 5+5

(a) Radioimmuno assays

(b) Kjeldahl method of nitrogen estimation.

6. Write the instrumentation and applications of a pH meter. 10

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7. Write short notes on : 5+5

(a) Diazotisation titrations

(b) Oxidation-reduction indicators.

8. Write the principles, instrumentation and applications of Potentiometric titrations. 10

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