

Vidya Prasarak Mandal's
ADVANCED STUDY CENTRE
C/o. B.N.Bandodkar College of Science, Thané.

POST GRADUATE DIPLOMA IN APPLIED ANALYTICAL CHEMISTRY
(Final Examination 2006-2007)

Date: 17.04.2007

PAPER- II

Marks: 50

Notice – Attempt Any 5 Questions. Each question carries 10 marks.

1. What are DSC and TGA? Explain working of DSC with neat diagram.
2. Discuss the working of AAS with schematic diagram.
3. Give a brief discussion of application of AAS technique.
4. Outline the various applications of ion exchange chromatography.
5. Write short note on any 2 of the following:
 - i) Applications of HPTLC
 - ii) Advantages of Atomic Absorption Spectroscopy
 - iii) Ion Exchange capacity
6. Define conductance. Discuss basic principles of conductometric titration.
7. What are the graphical methods used to find out exact end point in potentiometric titration?

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