

Paper - I, II, III

= 1<sup>st</sup> Sem

2006-07

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**ADVANCED STUDY CENTRE**  
C/o. B.N.Bandodkar College of Science, Thane.

**POST GRADUATE DIPLOMA IN APPLIED ANALYTICAL CHEMISTRY**  
( 1<sup>st</sup> Sem. Examination 2006-2007)

Date: 21.12.2006

**PAPER- I**

Marks: 50

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- Q1. Define following terms. (Any 6) (Marks 6)
1. Quality,
  2. TQM,
  3. 5S,
  4. Continual improvement,
  5. Document,
  6. Corrective action,
  7. Preventive action,
  8. Sampling error.
  9. Quality Policy
- Q2. Answer in brief. (Any 5) (Marks 20)
1. Which steps are to be followed in order to achieve objectives of Quality Assurance?
  2. What are the requirements of GMP?
  3. Which are the principal duties of Quality Control Department?
  4. What are the eight quality management principles included in ISO 9000: 2000?
  5. Write a note on Quality Circles.
  6. Write a note on Just in time approach.
  7. Write a note on general safety and precautionary measures to be taken while sampling in chemical industry.
- Q3. Write notes on the following. (Any 3) ( Marks 24)
1. Quality Assurance and its relevance in chemical industry.
  2. Kaizen.
  3. Good Laboratory Practices.
  4. ISO