

# **AE-542**

B.Com. (Part - III)  
Term End Examination, 2016-17

## **COMPUTER APPLICATION**

Paper - II

System Analysis, Design and MIS

*Time* : Three Hours]      [*Maximum Marks* : 50

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**Note** : Answer any **one** question from each Unit. All questions carry equal marks.

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### **Unit-I**

1. Explain system development life cycle.
2. Explain multiphase role of the system analyst.

### **Unit-II**

3. Explain data flow diagram with suitable examples.
4. Explain data dictionary.

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**Unit-III**

5. Explain the following :
  - (a) System testing
  - (b) Black and white box testing
6. Explain the utility of Quality Assurance.

**Unit-IV**

7. Explain the structure of MIS.
8. Write need and benefits of MIS.

**Unit-V**

9. Discuss Quality Information Building Block for the information system.
10. Explain the following :
  - (a) Information Resource Management
  - (b) Adaptive system

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