



SP-1860

Seat No. _____

B. C. A. (Sem. II) Examination

April / May – 2006

CS - 9 : SAD

(New Course)

Time : **3 Hours**]

[Total Marks : **100**

- 1** Attempt the following questions : (any **two**) **20**
- (a) What are the different system development strategies ?
Explain prototype method in detail.
 - (b) List and explain the role of a system analyst.
 - (c) Explain the reasons for the initiation of an information system project. Who are the initiators? What is the role of management review in accepting a proposal ?
- 2** Answer the following questions : (any **two**) **20**
- (a) Explain preliminary investigation and feasibility study.
List and explain the steps involved in the determination of the user requirements.
 - (b) List and explain the various fact finding techniques.
 - (c) What is DFD ? Explain with an example.
- 3** Write short notes on : (any **four**) **20**
- (a) HIPO charts
 - (b) Input Design
 - (c) Types of reports
 - (d) Decision tree
 - (e) Cohesion and Coupling
 - (f) Input validation methods
 - (g) Decision Table.

- 4 Attempt any **two** of the following questions : **20**
- (a) List and explain the various coding techniques.
 - (b) List and explain the various levels of testing to be performed on new programs.
 - (c) List and explain the various types of files with examples.
- 5 Answer the following questions : (any **two**) **20**
- (a) Explain MIS. How are they related to computers ? Explain the evolution of MIS.
 - (b) Write a note on system implementation.
 - (c) Write a note on the organizational impact of MIS.
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