

Seat
No.

--	--	--	--	--	--



आभास - 076

307 - SPECIALIZATION - IV 437 G

**Systems Management
(Software Engineering)**

P. Pages : 2

Time : Three Hours

Max. Marks : 60

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Answersheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. Attempt **any three** questions from section - I and **any two** from section - II.
5. Answer to both section must be written in the same book.

SECTION - I

1. a) Define system ? Explain system concept in detail. 6
b) List and explain different phases of system development life cycle. 6
2. a) What is feasibility study ? Explain how it is useful in system design. 6
b) 'Testing is a crucial phase during system development' comment. 6
3. a) What is DFD ? Explain different levels of DFD with suitable example. 6
b) Explain the use of state transition diagram in system development. 6
4. a) Explain the role of users in the various phases of system development. 6
b) What is fact finding ? Explain methods of fact finding. 6
5. Write a short note on the following **any three**. 12
 - a) On-site implementation and maintenance.
 - b) Requirement gathering methods.
 - c) 4th generation techniques.
 - d) RAD model.
 - e) De-normalization.

SECTION - II

6. a) Describe phases of spiral model. Explain its advantages. 6
b) Explain the concept of data modeling with example. 6
7. a) Explain the use of normalization. While designing the database. Explain types of normal forms. 6
b) Describe the term structure chart in detail. 6
8. Write a short note on **any three** of the following. 12
a) Decision table.
b) Real time processing.
c) Computer Aided Software Engineering (CASE).
d) User interface design.
e) Structured English.
