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PC 1372-N

T-14/2113

SYSTEM ANALYSIS AND DESIGN—312

Semester—V

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Time Allowed : Three Hours]

[Maximum Marks : 80

Note:—Attempt *five* questions in all by selecting at least *one* question each from the Sections A, B and C. Each question is of 15 marks. Section D is compulsory and carries 20 marks in all.

SECTION—A

1. (a) Define System. What are the elements of a system ? Can you have a viable system without feedback ? Explain.
(b) Differentiate between system analysis and system design. What are the major activities undertaken during each phase ?
2. "Business is an open system." Explain how.

SECTION—B

3. What data gathering tools are available for the analyst ? Explain any one tool briefly.
4. What is Feasibility analysis ? What considerations are involved in Feasibility study ? Discuss all.

SECTION—C

5. What is Systems design ? What are the tools of systems design ? Explain.
6.
 - (a) What is implementation ? How does it differ from conversion ?
 - (b) Briefly discuss the primary activities of a maintenance procedure.

SECTION—D

7. Write short notes on the following :
 - (a) Conceptual versus physical systems
 - (b) SDLC
 - (c) Technical skills of a Systems Analyst
 - (d) Data Dictionary
 - (e) Modularization
 - (f) Considerations in Forms design
 - (g) Hardware selection
 - (h) Post-implementation review.

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