Re-appear-2009

Subject Code—2049-X

P.G.D.C.A. EXAMINATION

(First Semester)

(Re-appear)

(Common With PGDCA-II)

MS-04

SYSTEM ANALYSIS & DESIGN

Time: 3 Hours Maximum Marks: 100

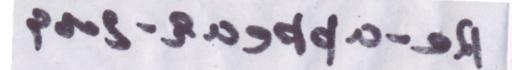
Note: Attempt any Five questions.

- (a) What elements of controls are important in systems? Can you have a viable system without feedback? Explain. 15
 - (b) List out *five* characteristics of a good SRS document. 5
- 2. (a) What do you mean by fact finding?

 What are the main advantages of questionnaire technique as a fact finding? Explain.

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(b)	Describe	the	criteria	for	software
	purchase,	selection	on from	vendor	briefly.

10

- 3. (a) How would you ensure quality in designing in a system? Explain. 10
 - (b) How does the purpose of decision tree differ from decision table? What components make up a decision table?
- (a) Draw and describe one level DFD and two level DFD of fibrary of your college/institute.
 - (b) Differentiate between top-down and bottom-up techniques. 5
- 5. (a) What is meant by project? Describe the various activities of project management.

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(b) What are the design principles and design objectives? Explain briefly.10

- 6. (a) Define the term maintenance. What are the various categories of maintenance?Explain briefly.
 - (b) What is meant by project? Describe the various activities of project management.
- 7. (a) What is meant by Test Plan? Why, do we require test plan? What are the various activities involved with test plan? Explain briefly.
 - (b) Differentiate between top-down and bottom-up techniques. 5
- 8. Write short notes on the following:
 - (a) Audit, Walkthrough and review
 - (b) SQA techniques
 - (c) System Modularity
 - (d) System Reliability. 5×4=20