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2 SEM TDC CAP G 1

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(May)

COMPUTER APPLICATION

(General)

Course : 201

(System Analysis and Design)

Full Marks : 80

Pass Marks : 32/24

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

**Answer Question Nos. 1 and 2, and any seven
from the rest**

1. Answer the following questions : 1×8=8

- (a) What is SDLC?**
- (b) What is DFD?**
- (c) What is CASE?**
- (d) What is E-R model?**

- (e) What is an attribute?
- (f) What is decision table?
- (g) What is system audit report?
- (h) What is a report?

2. Answer the following questions : $2 \times 8 = 16$

- (a) Define MIS.
- (b) What is documentation?
- (c) Write the differences between cohesion and coupling.
- (d) How to close down a project?
- (e) What is process design?
- (f) What are the advantages of using forms?
- (g) What is one-to-many relationship?
- (h) Write the importance of structured English.

3. Explain the duties and responsibilities of a systems analyst.

4. Draw an E-R diagram for a college management system. Make your own assumptions.

- 5. Explain context level diagram with example. 8
- 6. Explain briefly about spiral model. 8
- 7. Explain different issues related to system testing. 8
- 8. Explain different issues related to feasibility study. 8
- 9. Write various aspects of user training and organizational issues. 8
- 10. Write briefly about system and its parts. 8
- 11. Write briefly about automated tools for system development. 8
- 12. Write briefly about RDBMS. 8
