Subject : System Analysis & Design

Day : Wednesday　**S.D.E.** ‖‖‖‖‖‖‖‖‖‖　Time : 02.00 PM TO 05.00 PM
Date : 07/12/2016　　　　　**33264**　Max Marks : 80　　Total Pages : 1

N.B.:

1) Attempt any **FIVE** questions from section –I and any **TWO** questions from Section –II.
2) Figures to the right indicate **FULL** marks.
3) Answers to both the sections should be written in **SAME** answer book.
4) Make your own assumptions **WHEREVER** necessary.

SECTION-I

Q.1 Define system. Explain different types of Information Systems in detail. **(10)**

Q.2 Explain Spiral Model with its merits and demerits. **(10)**

Q.3 Explain Functional Decomposition Diagram for payroll system. **(10)**

Q.4 What is user interface design? Explain screen management in detail. **(10)**

Q.5 Explain decision trees and decision table with suitable example. **(10)**

Q.6 Explain how system analyst acts as mediator between software development **(10)** and end user.

Q.7 Write short notes on Any **TWO**: **(10)**

　a) Pseudo code

　b) SDLC

　c) Structured English

SECTION-II

Q.8 Explain fact finding techniques and design a questionnaire for employee **(15)** satisfaction in organization.

Q.9 Draw context level and first level DFD for Bank saving accounting system use **(15)** your own system specification.

Q.10 Explain different symbols used in ERD. Draw ERD for payroll system. **(15)**

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