Day : Thursday   Time : 02:00 PM-04:00 PM

Date : 29-12-2022   **W-22802-2022**   Max. Marks : 50

N.B.:

1) Attempt **ANY THREE** questions from Section – I and **ANY TWO** questions from Section – II.
2) Answers to both the sections should be written in the **SAME** answer book.
3) Figures to the right indicate **FULL** marks.

SECTION – I

Q.1   Define System. Explain in detail any two types of systems.   **[10]**

Q.2   What is SDLC? Explain various phases of SDLC with Waterfall model.   **[10]**

Q.3   What fact finding techniques would use for investigating the information requirement for candidate system?   **[10]**

Q.4   Explain in detail role of System Analyst is software development.   **[10]**

Q.5   Write short notes on **ANY TWO** of the following: **[10]**

a) Pseudocode

b) Structured English

c) MIS

SECTION – II

Q.6   Draw E-R diagram for College Admission System.   **[10]**

Q.7   Draw first and second level DFD for Hospital Management System.   **[10]**

Q.8   Design input and output interfaces for Inventory Management System.   **[10]**

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