N.B.:
1) Attempt **ANY THREE** questions from Section – I and attempt **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 a) Who are the members in a software development team? Explain their role. **[08]**

    b) Explain waterfall model. **[08]**

Q.2 a) What is conceptual data modeling? Explain in short. **[08]**

    b) Write a note on qualities required for a team leader. **[08]**

Q.3 a) Explain golden rules for user interface design. **[08]**

    b) Explain principles of software engineering. **[08]**

Q.4 a) Explain types of architectures. **[08]**

    b) Write a note on black box testing. **[08]**

Q.5 a) Explain modern methods of data for requirement gathering. **[08]**

    b) What is software? Explain its characteristics. **[08]**

SECTION - II

Q.6 Being technical recruiter, what different skill sets you would look into while **[16]** recruiting system analyst?

Q.7 Design a software system for University Exams Management offering various **[16]** courses.

Q.8 Draw DFDs at various level and ER diagram for hospital management system **[16]** to be developed.

＊   ＊   ＊   ＊

1