Day	: Friday		Time :	10.00 AM TO 1.00 PM
Date	: 03/05/2019	**S-2019-4960**	**Max. Marks : 80**	

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 books.

SECTION – I

Q.1 Define System. Explain elements of system. **(10)**

Q.2 Explain different phases of system development life cycle. **(10)**

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

Q.4 Explain decision trees and decision table with suitable example. **(10)**

Q.5 Discuss various symbols used in Entity relationship Diagram. **(10)**

Q.6 Define User Interface. Explain various strategies related to User Interface. **(10)**

Q.7 Write short notes on **ANY TWO** of the following. **(10)**
    i)   Categories of information system
    ii)   Pseudocode
    iii)   Structured English

SECTION – II

Q.8 Design a questionnaire for employee satisfaction in organisation. **(15)**

Q.9 Draw ERD for college admission system. **(15)**

Q.10 Draw DFD for Railway reservation system. **(15)**

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