

- 6 a. Explain the Digital switching software classification with relevant diagram. (08 Marks)
- b. Explain the following briefly:
- i) Call Features (05 Marks)
 - ii) Feature flow Diagrams (05 Marks)
 - iii) Feature Interaction (02 Marks)
- 7 a. Explain the organizational interfaces of a Typical digital switching system central office with relevant diagram. (08 Marks)
- b. With suitable diagram, explain the operation of the 'a strategy for improving software quality'. (07 Marks)
- c. Write a note on Defect Analysis. (05 Marks)
- 8 a. With diagram, explain the operation of the generic switch hardware architecture of hypothetical digital system. And also briefly explain about network control processors, Interface controllers and Interface modules. (09 Marks)
- b. Explain the possible, and an effective recovery strategy for the hypothetical digital switching system based on a three level scheme. (06 Marks)
- c. Explain the analysis report of a digital switching based on system description parameters and maintenance features of a digital switch. (05 Marks)
