

- v) Intermittent fault
- vi) Fault Extent

4a. Define fault tolerance analysis. (1 mark)

4b. What is the goal of fault tolerant? (2 marks)

4c. Write short note on the following Compact Disk-Read Only Memory (12 marks)

- i) Read-only memory (ROM) disks (2 marks)
- ii) Write-once read-many (WORM) disks (2 marks)
- iii) Re-writeable, write-many read-many (WMRM) disks (2 marks)
- iv) WORM (write once, read many) (2 marks)
- v) Erasable Optical Disk: (2 marks)
- vi) Touchscreen Optical Device: (2 marks)

5a. Distinguish between machine and assembly languages (1 Mark)

5b. Highlight the basic steps for READ and WRITE memory operations (4 marks)

5c. Discuss the goals of fault tolerant (10 marks)

6a. Discuss Fault tolerance systems. (5 marks)

6b. Examine types of control unit in central processing unit. (4 marks)

6c. With the aid of examples, describe three address instruction in computer architecture (6 marks)

3a. With the aid of an illustration, give a brief account of the stages of Development in Insects (6 marks)

3b. State the methods of insect control (6 marks)

3c. Describe the procedure involved in the chemical sterilization of insects (4 marks)

3d. Explain the First Aid procedures against Insect Poisoning. (4 marks)