

Answer all questions

Q1:

- i/ What do we mean by system life cycle? Mention its different phases.
ii/ Give short notes about:
- Technical Efficiency
- RTS
- System study phase

Q2:

- i) Give an example for SISO system and describe its components.
ii) What are the three main types of cost? Choose one type and explain it in details.

Q3:

- i/ What are the three types of testing?

- ii/ Read the following:

System: Local Area Network (LAN)

Elements: Server, Hub, Cables, Workstations, Printer.

- 1/ Which type of test is suitable for this system?
2/ Draw a Flow Chart to test and repair the server.

Q4:

Wear out is the final phase in the system.

- i/Write some notes about this phase.

- ii/ What is the effect of maintenance on system wear out ?
iii/ What do you think the reasons of unexpected wear out?

Q5:

For the following Decision Tree:

- i/ Convert the Tree to a text.
ii/ Construct a Binary-Valued Decision Table.

