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.
Borrow

No Money

Money

Money <500

Buy B only

Money <1000>500

Buy 2 from A , 3 from B

Money >1000

Buy 5 from A

Do not buy