Time : Three Hours   Maximum : 75 Marks

SECTION-A (20 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (1 0 x 2 = 20)

1   Define "Supra System".
2   What are the types of Systems?
3   What is Feasibility Assessment?
4   Define "Investigation".
5   Define "Input Data".
6   What is Code Design?
7   What is Enhancement?
8   What is Software Process Models?
9   What is white box testing?
10   What is Integration Testing?

SECTION - B (25 Marks!
Answer ALL Questions
ALL Questions Carry EQUAL Marks (5 x 5 = 25)

11 a Explain the principles to build subsystem from system.
                              OR
    b Explain the system development life cycle.

12 a Write a short note on recording the investigation.
                              OR
    b Explain the concept of procedures.

13 a Explain user interface design with example.
                              OR
    b Explain the Physical Design of computer subsystem.

14 a Explain Software Maintenance.
                              OR
    b Explain the concept of software documentation.

15 a Write a short note on validation testing.
                              OR
    b Explain Basis Path Testing.

SECTION - C (30 Marks)
Answer any THREE Questions
ALL Questions Carry EQUAL Marks (3 x 1 0 = 30)

16   Explain the types of Information system and characteristics of system.

17   Enumerate the methods of investigation.

18   Explain the concept of system security and file design.

19   Explain the concept of software process models.

20   Write a detail note on Black box testing and unit testing.

Z-Z-Z   END