Choose the correct answer of the following:

1. (Compulsory)
   (Objective Type Questions)
   Group - A

Answer from both the Groups as directed.

1. The figures in the margin indicate full marks.
2. Candidates are required to give their answers in
   Full Marks: 80
   Time: 3 hours

2015
A data flow can:
(i) Only emanate from an external entity
(ii) May emanate and terminate in an
external entity
(iii) May either emanate or terminate in an
external entity
(iv) Be a part of the system design

d) SDLC stands for:
(i) System development life cycle
(ii) Structure design life cycle
(iii) Structure development life cycle
(iv) Structure design life cycle

(e) HIPO stands for:
(i) Hierarchy Input Process Output
(ii) Hierarchy Input plus Process plus Output
(iii) Hierarchy plus Input plus Process plus Output

A data dictionary may have:
(i) Dictionary
(ii) Meaningful data
(iii) Integers
(iv) Only Integer value
(v) Only Real value
(vi) Very large data
(vii) Metadata we mean:
(i) PERT Chart
(ii) Gantt chart
(iii) Organizational chart

Success factors?
(i) Phased conversion
(ii) CASE tool

Which of the model is used for system components?
(i) Data about data
(ii) Data dictionary
(iii) Meaningful data
(iv) Only Integer value
(v) Only Real value
(vi) Very large data

A system development life cycle is an outline of a process that keeps developing successful information systems.

Out of order
(a) Write a short note on "Project Scheduling".

(b) Chain Scheduling.

(c) Between Critical Path Analysis and Critical Path Method [CPM]. Explain the differences.

(d) What is PERT/CPM? Explain the differences suitable example.

(e) Explain the term "Project Scope" with a structure in context to software project?

(f) What do you mean by Work Breakdown detail.

(g) Describe the risk management process in structure (WBS) in context to software project?

(h) What do you mean by Work Breakdown?

(i) What do you mean by stakeholders? Who many are the stakeholders in a software project?

(j) What do you mean by stakeholders? Who many are the stakeholders in a software project?

(k) What is protocol/Flow model? When is it used?

(l) Explain waterfall model in detail.

(m) Discuss the importance of a good time development life cycle?

(4) How many steps are in the system?

(5) (Turn over)

(a) Define the life cycle of project with the help of an example.

(b) Does it differ from any other project? How?

(c) What do you mean by software project? How?

(d) 15 x 4 = 60

Answer any four questions out of the following:

Group – B

(i) Creating the algorithm

(ii) Identifying the task to be implemented

(iii) Program code

(iv) Finding and correcting errors in the program code

(v) Debugging is:

(10)

(6)

(5)

(4)