Total Page No. : 2]   [Roll No. ....

BCA II Semester
Examination, 2023–24
SYSTEM ANALYSIS AND DESIGN
Paper : III

Time : 2 : 30 Hours]   [Max. Marks : 70

Note : This paper has 2 parts, Part A and Part B. Attempt as per the given instructions.

Part–A

Note : Attempt all questions. Each question carries 2 marks.

7×2=14

Q. 1.   (i)   Expand the following abbreviations :

(a)   MIS

(b)   DSS

(ii)   What is feasibility study ?

(iii)   Define Parallel Run.

(iv)   Define top-down and bottom-up programming approaches.

(v)   What do you mean by an open system ?

(vi)   In which phase of SDLC, DFDs are used and for what purpose ?

(vii)   Differentiate between white box testing and black box testing.

Part–B

Note : Attempt any *four* questions. All questions carries equal marks.   4×14=56

Q. 2.   Define system. Describe the essential elements of a system.

Q. 3.   Who are system analysts ? Briefly describe the analytical and management skill of a system analyst.

Q. 4.   Illustrate the role of DSS in managerial decision making.   https://www.sdsuvonline.com

Q. 5.   Briefly explain about the information gathering tools required for developing a system.

Q. 6.   What is project feasibility analysis ? Explain the different types of feasibilities undertaken in a feasibility study.

****