E–3066

B. Com. (Part III) EXAMINATION, 2021

COMPUTER APPLICATION

Paper Second

(System Analysis, Design and MIS)

Time : Three Hours]   [*Maximum Marks : 50*

Note : Attempt any *two* parts from each Unit. All questions carry equal marks.

Unit—I

1. (a) What is system ? Write the characteristics and types of system.

   (b) What is system analyst ? Explain the role of a system analyst.

   (c) Explain the following :

      (i) SDLC

      (ii) Characteristics system

Unit—II

2. (a) What do you mean by system planning ? Why is it required ?

P. T. O.

(b)   Explain the different information gathering tools.

(c)   What is the role of DFD ? Explain with example.

Unit—III

3.   (a)   What do you mean by input-design ?

(b)   Explain quality assurance. What are the measurement criteria to assure the quality of software ?

(c)   What is the importance of system design ? Explain it.

Unit—IV

4.   (a)   What is MIS ? How do MIS help in better management of an organization ?

(b)   Explain the working of decision-making.

(c)   Explain the various components of Information System.

Unit—V

5.   (a)   Write the difference between the following :

(i)   Open and Close system

(ii)   MIS and Strategic system

(b)   What do you mean by TPS ? Briefly explain adaptive system.

(c)   Write a short note on business function information system.

E–3066