Exam. Code: 0313
Sub. Code: 2706

1129

M.Com. (M.E.F.B.) Third Semester

FB-305: Computers in Family Business Management

Time allowed: 3 Hours **Max. Marks: 80**

NOTE: *Attempt five questions in all, selecting atleast two questions from each Unit.*

x-x-x

UNIT – I

I. With the help of a block diagram, explain the basic organization of a digital computer system. Explain the role and use of computers in the small and medium-sized enterprises (SMEs) as a tool for management. (16)

II. Discuss different types of built-in functions in spreadsheet software (MS-EXCEL) with examples. Name and explain some managerial applications of spreadsheet software. (16)

III. Give the meaning and definition of computer-based Human Resource Management System (HRMS). Explain the structure, mechanics and sub-systems of HRMS. How does e-HRMS enhance the quality of HR functions? (16)

IV. What are the various components of a computer-based financial system? How does a financial system influence economic development? Explain. (16)

V. Explain the meaning of decision making. What categories of information are relevant to decision making in business? Relate each category to the managerial level and an information system. (16)

UNIT – II

VI. What is MIS? Why is it important in a business organization? What are the characteristics and components of MIS? (16)

VII. "Feasibility study is must for any system and should be done before development of the system". Justify the statement. (16)

VIII. Answer the following questions related with the Linear Programming model given below:

Minimize $x + y$

Such that $x \leq 5$ and $y \leq 4$

x, y unrestricted in sign

a) Use the Graphical Method to solve the model.
b) Use the Simplex Algorithm to solve the model (8,8)

P.T.O.

IX. A company has five jobs to be done. The following matrix shows the return in US Dollars of assigning ith machine (i=l,2,3,4,5) to the jth job (j=l,2,3,4,5). Assign jobs to the machines (utilize Hungarian method) so as to maximize the-expected profit.

		Jobs				
		1	2	3	4	5
Machines	1	5	11	10	12	4
	2	2	4	6	3	5
	3	3	12	5	14	6
	4	6	14	4	11	7
	5	7	9	8	12	8

(16)

X. What is project management? Explain PERT and CPM techniques by taking appropriate examples. (16)

x-x-x