

MBA Degree (FTI & PTIII) Semesters End Semester Examination- December, 2022
21-371-0108/21-372-0304/20-371-0108/20-372-0304: IT for Business and Management
(Regular and Supplementary)

Time: 3 Hours**Max Marks: 50****Course Outcomes:** On completion of the course, the student will be able to:-

CO1	Recall concepts and applications of various Digital Technologies along with concepts of Information systems, Computer networks etc. Applications of IT in Business and Management. Concepts of DBMS. Various IT terminologies.
CO2	To understand the importance of IT in providing solutions to modern business problems; To enhance personal productivity through Information technology tools; To understand the importance of information systems in managing an organization; to understand the basic theories, concepts, methods, and terminology used in information systems and in the field of IT
CO3	To help students identify processes in an organization and convert it into a system. To familiarize the participants with the technologies and methods used for effective decision making in an organization. To help develop a conceptual framework of information systems from implementation to control. Ways to apply Information Technology to gain competitive advantage in business. To apply computer resources for use in business and academics.
CO4	Analyse and select applications and IT systems to create an optimal user environment. Use and apply current technical concepts and practices in the core information technologies of networking, data management, software engineering, computer security. To identify and analyse user needs and take them into account in the selection, creation, evaluation, administration and management of computer-based systems.
CO5	To perform non-trivial analysis of management problems via various technologies. To create awareness and interest to explore the growing potential of IT in business. To learn office applications creating professional documents and executive presentations. Effectively integrate IT-based solutions into the user environment. Develop and implement optimal solutions to complex computing problems using industry-recognized best practices and standards. Apply ethical decision making in the development, implementation, and management of IT systems
CO6	To create business students with the knowledge, skills, and abilities to manage information technology systems effectively for various business and Management applications. Able to design, develop and implement information systems; To create information systems in strategic and tactical decision making in business and Management.

BL – Bloom’s Taxonomy :(L1- Remember , L2 - Understand, L3 – Apply, L4-Analyse, L5-Evaluate, L6-Create)

PART A*(Answer ALL questions. Each question carries 2 marks)*

Q No.	Questions	Marks	BL	CO
1	Identify the critical success factors in implementation of IS.	2	2	1
2	Specify the different steps in Prototyping.	2	1	4
3	What is primary key? Why it is needed?	2	2	3
4	How AI will redefine management?	2	3	2
5	Give an example for DBMS and discuss in how it is helpful in Business Information System.	2	3	1

(5X2=10 marks)

PART B

(Answer ANY FIVE Questions. Each question carries 4 marks)

Q No.	Questions	Marks	BL	CO
6	Describe the various types of network topologies	4	2	1
7	Differentiate between form and report in access.	4	4	5
8	Write your observation about the changing roles of managers in today's digitization and technological advancement	4	3	2
9	Explain the different stages of SDLC?	4	3	4
10	Illustrate the purpose of flash fill? And how do we activate it?	4	4	6
11	How business are using IoT for competitive advantage? Explain with examples.	4	4	2
12	Differentiate MIS and DSS with different input, output and process	4	4	6

(5X4=20 marks)

PART C

(Answer ANY TWO questions. Each question carries 10 marks)

Q No.	Questions	Marks	BL	CO
13	Analyze the most important use of the incremental model? How is the incremental model different from spiral model?	10	4	4
14	Briefly describe any five statistical and mathematical functions in MS Excel	10	2	5
15	<p>At a restaurant, a new information system is installed to improve the performance of the main business activities. The system includes a main server holding the restaurant management application for sales and accounting. A back office computer is used by the manager and handled devices, connected through WIFI Technology to the server, are used by the waiters.</p> <p>Waiters take the order on their handled device, equipped with a point of sale software and touch screen to take the order as fast and accurate as possible. Once taken, the order is printed out directly in the kitchen and recorded in the accounting system.</p> <p>When closing a table, the waiter can automatically print the invoice on one of the three printers existing in the restaurant main floor. With this new system the customers are better served by delivering their orders and preparing the invoice quickly and with the minimum possibility of mistakes.</p> <p>At the end of the day, the manager can print out a detailed report of all the invoices with the necessary details of the items ordered, the amount collected from customers, and a list of the purchases to be made according to the sales.</p>			
	a) What type of Information System (according to the management groups) is used in this case?	6	5	5
	b) What are the technology components used in this scenario?	4	6	6

(2x10=20 marks)
