

Syllabus Unitization & Prescribed Books (Session 2022-2023)

Department of CS & IT

Class – DCA-II Semester

Pattern of Question Paper - Eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

PC Computing–II

Theory Marks: 50
Practical Marks : 50

Credits
L T P
3 1 4

Month wise Division	Syllabus Unitization
Jan-Feb	<u>SECTION–A</u> MS–EXCEL a) Introduction to Worksheet/Spreadsheets b) Creating a simple Worksheet c) Computations in a Worksheet <u>SECTION–B</u> a) Printing the Worksheet b) Graphs
March	<u>SECTION–B</u> c) What if Analysis (Data Sort, Fill, Query, Filter) <u>SECTION–C</u> MS Access Introduction, Understanding Databases, Creating Tables, Queries.
April	<u>SECTION–D</u> MS Access Forms Reports, Adding graphs to your report

Prescribed Book

Book Name – Fundamentals of Computers and Information Technology

Author – Puneet Kumar

Publisher – Kalyani Publishers

Database Management System

Theory Marks: 50
Practical Marks : 50

L T P
3 1 4

Month wise Division	Syllabus Unitization
Jan-Feb	SECTION-A Introduction to dbms, data models, E-R Model Relational database management SECTION-C Sql Fundamentals I
March	SECTION-B Database Security, Protection, Integrity, Concurrency Control, Idea of Distributed Databases, Knowledge Base/Expert Systems SECTION-C Sql Fundamentals I
April	SECTION-C Sql Fundamentals II, III, Views, Managing Users and Roles, Sequences, Indexes SECTION-D Cursors, Procedures, Functions & Packages Database Triggers.

Prescribed Book

Book Name – DBMS

Author – Anshuman Sharma

Publisher – Lakhanpal Publishers