PAPER-IV (A) (4729 A)

COMPUTER MANAGEMENT AND QUANTITATIVE ANALYSIS

SECTION – A : THOERY PAPER

1. Introduction of information Technology, Computer, working of CPU, Input/output, Secondary Memory, Peripherals, Other Hardware/Software.
2. P.C. applications: Personal computer, Hardware/Software, Operating Systems, DOS, Word Processing, Spread sheet, DBMS, Windows Statistical Package.
3. Computer based Information System – Problem definition and requirement Determination: Analysis of existing system, Design of New system (Data Flow Diagram, System flowchart/ DBMS). Determination of automation requirement implementation.
4. DBMS Language – preferably D Base III, FOXPRO.
5. Quantitative Analysis.

SECTION – B PRACTICAL

Working with Windows and its common applications, MS office, PowerPoint etc.
Application using FOXPRO/DB – III.
Instruction: Internal evaluation of practical will be done by a board of examiners consisting of the Head of the Department as Convener and the subject supervisor. The marks awarded (out of maximum marks 40) will be confidentially sent to the University by the Head of the Department.

Books Recommended:

P.K. Sinha	:	Computer Fundamentals
Satish Jain	:	'O' level-made simple Module 1 Information Technology.
Naseeb S. Gill	:	Essentials of Computer and Network Technology.
Robetr D.Shepherd	:	Introduction to Computers and Technology.