

(From Session 2011-12)

**B.Com. I Year (I Semester)
(Computer Application)**

Theory Marks: 70
Internal Asst: : 30

INTRODUCTION TO INFORMATION TECHNOLOGY

- UNIT-I** Information Concept of Processing: Concepts of data, data type information, need for information, elements of Computer Processing Systems : Classification of Computers, Storage Devices.
- UNIT-II** Programming Languages: Machine Language, Assembly Languages, High Level Languages, Forth Generation Languages, Compilers, Interpreters.
- UNIT-III** Operating Systems : Concept and Functions of Operating System, DOS : Function of DOS, Structure, booting, Internal and External Commands.
- UNIT-IV** Computer Network and Communication: Communication system elements, Communication modes : Simplex, half duplex and full duplex, circuit switching and packet switching, LAN, MAN, WAN
- UNIT-V** Application of IT and Internet: Application of IT in business, Education Industry, Home and Training, Entertainment Science and Engineering and Medicine, Internet, email.

References :

- 1- "Computer Fundamentals" by P.K. Sinha
- 2- Sanders, D.H., "Computers Today", Mc-Graw Hill, 1988
- 3- S. Jaiswal, "Information Technology Today", Galgotia Publication, New Delhi, 1999.