

Con/5075-07.

(REVISED COURSE)

CD-6772

(3 Hours)

[Total Marks : 100]

N.B. : (1) Question No. 1 is **compulsory**.(2) Attempt any **four** questions out of remaining **six** questions.(3) Assume **suitable** data if **necessary**.(5) **Figures** to the **right** indicate **full** marks.

1. (a) List any five areas of IT application. Explain what do you mean by IT enabled services ? 10
- (b) Explain the major services provided by the internet. 10
2. (a) Who governs Internet ? List various societies who are responsible for laying the guidelines for Internet users. 10
- (b) What is meant by Data Communication ? Why is a communication network required for Information transfer ? 10
3. (a) Discuss different levels of management and the information that they need at each level. 10
- (b) What do you mean by the term cryptography ? How are the cryptographic systems developed to ensure safe electronic commerce ? 10
4. (a) What do you mean by TCP/IP ? Why TCP/IP is so important for Internet uses ? 10
- (b) What are the differences between E-commerce and Electronic Data Interchange (EDI) ? 10
5. (a) What is World Wide Web ? Write the differences between : 10
 - (i) LAN and MAN
 - (ii) MAN and WAN.
- (b) Discuss various types of semi-conductor memory. 10
6. (a) Define computer generations. Explain the major advances in each generation . 10
- (b) What do you mean by scripting languages ? Give the HTML syntax to design your page containing educational and personal information. 10
7. Write down short notes on (any **four**) : 20
 - (a) Multimedia tool and applications
 - (b) Data Warehousing
 - (c) Firewalls
 - (d) GIS (Geographical Information System).