

**B.Tech. Degree VII Semester Examination in Information
Technology, May 2002**

**IT 705(A) INTRODUCTION TO ISDN
(1995 & 1998 Admissions)**

Time: 3 Hours

Max. Marks: 100

(All questions carry equal marks)

I Explain various types of switched networks. Explain any one application of ISDN.

OR

II Explain
(i) Digital Telephony
(ii) ISDN Channels
(iii) OSI Models
(iv) ISDN application

III Explain ISDN services.

OR

IV Differentiate between NT – 1 and NT – 2

V Explain briefly the ISDN protocol structure.

OR

VI Explain
(i) LAPB and LAPD
(ii) Link Access procedure
(iii) Message format

VII Explain B-ISDN architecture.

OR

VIII Explain various packet and frame mode bearer services. What is cell relay switching?

IX Explain SS7 protocol services. What is intelligent networks?

OR

X Explain
(i) ISDN products
(ii) TCP/IP
(iii) Internet working

