



**RR-0852**

**Third Year B. Sc. Examination**

**March/April – 2010**

**Computer Networking**

*(IDS CAN Course For Electronics)*

Time : Hours]

[Total Marks : 70

**Instruction :**

नीचे दशावैल निशानीवाणी विगतो उत्तरवडी पर अवश्य दभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="T. Y. B. Sc."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Computer Networking (IDS CAN Course)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="0"/> <input type="text" value="8"/> <input type="text" value="5"/> <input type="text" value="2"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	

1 Answer in brief : 14

- Compare the OSI and TCP/IP reference model.
- Define QAM, CSPD.
- State the limitations of co-axial cable as compared to optical fibre.
- What is multiplexing ?
- Define ethical Hacking.
- Define a SERVER in networking.
- List any two advantages of 3G in mobile communication.

2 (a) What are the SAP addresses in FM radio broadcasting. 7+7

- Explain cross Talks and Impulse Noise.

**OR**

2 (a) Compare MAN, WAN and LAN. 7+7

- Give the comparison between TCP and OSI.

- 3 (a) Name data link layer protocols. Explain any one in detail. 7+7  
(b) Explain TIR in optical fibres.
- OR**
- 3 (a) Explain multi access protocols and discuss ALOHA. 7+7  
(b) Classify Ethernet and explain its architecture in detail.
- 4 (a) Explain cyclic redundancy check method in detail. 8+6  
(b) List different types of bridges.
- OR**
- 4 (a) Explain the basic network management functions and also explain any one of them in detail. 7+7  
(b) Differentiate between Internet and Intranet.
- 5 Write short notes on : (any two) 14  
(a) Modems  
(b) Cryptography  
(c) Security management  
(d) Fire walls.
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