

**BACHELOR IN COMPUTER
APPLICATIONS****Term-End Examination****December, 2008****CS-68 : COMPUTER NETWORKS***Time : 2 hours**Maximum Marks : 60*

Note : Question number 1 is compulsory. Answer any two questions from the rest.

1. (a) Explain different types of Network. 5
- (b) Describe the main functionality of the Session Layer. 4
- (c) Explain GoBackN protocol with the help of a suitable diagram. 5
- (d) The period of signal is 100 ms. What is the frequency in KHz ? 4
- (e) Explain key elements of a protocol. 4
- (f) Differentiate between Half Duplex and Full Duplex. 4
- (g) Draw the block diagram of OSI Reference Model and list the important protocols at each layer. 4

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| 2. | (a) | Describe IEEE Standard 802.4. | 5 |
| | (b) | Differentiate between OSI Reference Model and TCP Reference Model. | 5 |
| | (c) | Explain the common problem that can occur with RIP. | 5 |
| 3. | (a) | Name different types of Bridges and explain <i>any one</i> of them. | 7 |
| | (b) | Explain various ATM Adaptation layer protocols. | 8 |
| 4. | (a) | Describe three different kinds of interfaces supported by ATM. | 5 |
| | (b) | Explain Flow Control Mechanism in transport layer. | 5 |
| | (c) | Explain Remote Procedure Call. | 5 |
| 5. | (a) | Explain the format of TCP Header. | 10 |
| | (b) | Explain Static and Dynamic Routing. | 5 |