S.B. Roll No..

COMPUTER NETWORKS
5th COMP/IT/EEE/CSc/2626/Nov' 2016

Duration: 3 Hrs.   **M. Marks: 75**

SECTION – A

Q.1   Do as directed: **9x1=9**

1. IP has two parts: _____ and host.
2. A_____ is a set of rules used for data transmission between two computers in a network.
3. Ethernet uses _____ Protocols.
4. A small Bluetooth network is called_____.
5. _____ is the science of writing in secret code.
6. Each computer must have an IP address before it can connect to internet.
7. Cell phone support Wi-Fi technology (T/F).
8. PING command displays network connections(T/F).
9. To establish a connection, TCP uses a three way handshake (T/F).
10. **Expand the following acronyms:**   **6x1=6**
    a) TCP
    b) NIC
    c) PING
    d) VSAT
    e) WAN
    f) RAID

SECTION-B

Q:2. Attempt any six questions.   **5x6=30**

1. What is Ethernet explain.
2. Explain different types of hubs.
3. What are different classes of IP addressing?
4. Explain LAN,WAN and MAN.
5. Write a note on Bluetooth protocol stack.
6. What you understand by Subnetting and Supernetting .Explain?
7. What do you mean by network cabling? Explain its various types?
8. What do you understand by RAID management?
9. Define sliding window protocols. Explain its functioning.

SECTION-C

Q:3   Attempt any three questions.   **3x10=30**

3. What are various network connecting devices?
4. Explain OSI reference model in detail.
5. Explain IPv4 and IPv6 packet formats.
6. Define Firewalls. Explain types of firewalls.
7. Write short note on
        a) Modem   b) Repeater