PB-144

[6269]-358

T.E. (Information Technology) (Insem)
COMPUTER NETWORK & SECURITY
(2019 Pattern) (Semester-II) (314451)

Time : 1 Hour] *[Max. Marks : 30*

Instructions to the candidates :

1) *Answers Q.1 or Q.2, Q.3 or Q.4.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Figures to the right side indicate full marks.*
4) *Assume Suitable data if necessary.*

Q1) a) Compare the FTP and TFTP. List the 5 commands of each. **[8]**

b) Explain role of SMTP and POP protocol in E-mail message transfer. **[7]**

OR

Q2) a) What is MIME? Explain MIME header in detail. Discuss its role in SMTP. **[8]**

b) What is Domain Name System with example? Explain in brief hierarchical structure of DNS. **[7]**

Q3) a) Explain the basic architecture of WLAN and discuss various components in it. **[7]**

b) Compare 802.11 & 802.15. What are the limitations of Bluetooth?. **[8]**

OR

Q4) a) Explain frame format of IEEE 802.11. **[7]**

b) What are hidden station and exposed station problems in WLAN. **[8]**

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