

3 Attempt any two : 2×10=20

- (a) Compute the following :
- (i) $(3000)_{10} = (?)_8$
 - (ii) $(122.86)_{10} = (?)_2$
 - (iii) $(1000.111)_2 = (?)_{10}$
 - (iv) $(217.76)_8 = (?)_{10}$
 - (v) $(110001)_2 = (?)_{\text{Gray}}$
- (b) Explain the advantages and disadvantages of BUS, STAR and RING topology.
- (c) Explain *n*-Tier client-server architecture in detail

4 Discuss any four of the following : 5×4=20

- (a) DHTML
- (b) WWW
- (c) FTP
- (d) Data Management
- (e) MS Windows
- (f) MS Power Point.

5 Write short notes on any four : 5×4=20

- (a) MP3 & AVI
- (b) ERNET
- (c) E-Commerce
- (d) MPEG
- (e) E-Governance
- (f) Digital Signature.

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