[6315]-317

T.Y.B.Com.

355(L): COMPUTER PROGRAMMING AND APPLICATION - II

Computer Networking and E-Commerce

(2019 Pattern) (Semester- V)

Time : 2½ Hours] *[Max. Marks : 50*

Instructions to the candidates:

1) *All questions are compulsory.*

2) *Figures to the right indicate full marks.*

Q1) A) Fill in the Blanks Any Five: **[5]**

a) _____ is a type of network topology in which all devices are connected to a single cable.

   i) Ring topology   ii) Bus topology

   iii) Star topology   iv) Hybrid topology

b) HTTP Stands for _____.

   i) Hypertext Transmission Protocol

   ii) Hypertext Transfer Project

   iii) Hypertext Transition Protocol

   iv) Hypertext Transfer Protocol

c) _____ is when data can only go in one direction at a time.

   i) Half-duplex   ii) Full duplex

   iii) Hub duplex   iv) Router

d) A _____ is an address generated by the CPU during program execution.

   i) Physical address   ii) Locator

   iii) Rote device   iv) Logical address

e) Infrared is a wireless mobile technology used for device communication over _____.

   i) Short ranges   ii) Long ranges

   iii) Wired   iv) Wireless

f) Network architecture refers to the way network devices and services are structured to serve the connectivity needs of _____ devices.

   i) Producers   ii) Client

   iii) Retailers   iv) Wholesalers

P.T.O.

B) Match the following. **[5]**

a) Computer network   i) Smartphone

b) FTP   ii) Classless Inter-Domain Routing

c) Flipkart   iii) File transfer protocol

d) Classless addressing   iv) E-commerce company

e) Mobile computing   v) Interconnected computing

Q2) Short notes (Any 2 out of 4): **[10]**

a) Bluetooth

b) TCP/IP

c) Radio Transmission

d) Function of Network Interface Cards

Q3) a) What is Computer Network? Explain types of network topology. **[8]**

b) Explain layers in the OSI Model and explain the functions of each layer. **[7]**

Q4) a) What is wireless LAN? Explain different types of wireless LANs. **[8]**

b) What is E-commerce? Explain types of E-commerce. **[7]**