

Total No. of Questions : 4]

SEAT No. :

**PD940**

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**[6439]-217**

**T.Y.B.Com.**

**COMPUTER PROGRAMMING AND APPLICATION-II**

**355L : Computer Networking and E-Commerce**

**(CBCS 2019 Pattern) (Semester - V) (Special Paper-II)**

*Time : 2½ Hours]*

*[Max. Marks : 50*

*Instructions to the candidates:*

- 1) All the questions are compulsory.*
- 2) Figures to the right indicate full marks.*

**Q1) A) Fill in the blanks.**

**[5]**

- a) FTP stands for \_\_\_\_\_
  - i) Fine Transfer Protocol
  - ii) File transfer Protocol
  - iii) First transfer Protocol
  - iv) Fast transfer Protocol
- b) A \_\_\_\_\_ is a set of computers that are connected so they can share information
  - i) Computer network
  - ii) Nodes
  - iii) Hub
  - iv) Router
- c) A \_\_\_\_\_ is an address generated by the CPU during program execution.
  - i) Physical address
  - ii) locator
  - iii) Rote device
  - iv) logical address
- d) \_\_\_\_\_ is a type of network topology in which all devices in the network are interconnected
  - i) Mesh topology
  - ii) Ring topology
  - iii) Bus topology
  - iv) Tree topology
- e) Network architecture refers to the way network devices and services are structured to serve the connectivity needs of \_\_\_\_\_ devices.
  - i) Producers
  - ii) Clinet
  - iii) Retailers
  - iv) Wholesalers

**P.T.O.**

B) Match the following [5]

- |                        |                                 |
|------------------------|---------------------------------|
| a) WAN                 | i) Guided media                 |
| b) Ethernet            | ii) Wireless network connection |
| c) Flipkart            | iii) Wide Area Network          |
| d) Twisted Pair Cables | iv) E-commerce company          |
| e) Wi-Fi               | v) Wired system                 |

Q2) Short Notes (Any 2 out of 4) [10]

- a) Wired LANs
- b) Bluetooth
- c) Modes of Communication
- d) Infrared transmission

Q3) a) What is Computer Topology? Explain types of Networks in detail [8]

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

Q4) a) Define Network Interface Cards. Explain the functions of Network Interface Cards [8]

b) What is E-Commerce? Explain digital methods of payments [7]

