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COMPUTER PROGRAMMING AND APPLICATIONS-II**Computer Networking and E Commerce - I****(2019 Pattern) (CBCS) (Semester - V) (355(L) (Special Paper - II)****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. [5]

- i) FTP Stands for _____.
 - a) Fine Transfer Protocol
 - b) File Transfer Protocol
 - c) First Transfer Protocol
 - d) Fast Transfer Protocol
- ii) A _____ is a set of computers that are connected so they can share information.
 - a) computer network
 - b) nodes
 - c) Hub
 - d) Router
- iii) A _____ is an address generated by the CPU during program execution.
 - a) Physical address
 - b) Locator
 - c) Rote device
 - d) Logical address
- iv) _____ is a type of network topology in which all devices in the network are interconnected.
 - a) Mesh topology
 - b) Ring topology
 - c) Bus topology
 - d) Tree topology
- v) Network architecture refers to the way network devices and services are structured to serve the connectivity needs of _____ devices.
 - a) producers
 - b) client
 - c) retailers
 - d) wholesalers

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 Card. [8]

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

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