Total No. of Questions : 4]

SEAT No. :

PE1093

[Total No. of Pages : 2

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T.Y. B.Com.
COMPUTER PROGRAMMING AND APPLICATION - II
355 (L) : Computer Networking and E-Commerce - I
(2019 Pattern) (Semester - V) (Special Paper - II) (CBCS)

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

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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

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]**

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