

Total No. of Questions : 4]

SEAT No. :

P2966

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[5801]-517

T. Y. B.Com.

355(L) : COMPUTER PROGRAMMING AND APPLICATION - II

Computer Networking and E-Commerce - I (Special Paper - II)

(2019 Pattern) (Semester - V)

Time : 2 Hours]

[Max. Marks : 50

Instructions to the candidates:

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

Q1) A. Fill in the blanks. (Attempt any 5 out of 6) [5]

- i) _____ Topology requires a multipoint connection.
 - a) Star
 - b) Mesh
 - c) Ring
 - d) Bus
- ii) Data communication system spanning status countries or the whole world is _____.
 - a) LAN
 - b) WAN
 - c) MAN
 - d) PAN
- iii) FTP Stands for _____.
 - a) Fine Transfer Protocol
 - b) File Transfer Protocol
 - c) First Transfer Protocol
 - d) Fast Transfer Protocol
- iv) The layer one of the OSI model is _____.
 - a) Physical layer
 - b) Link layer
 - c) Router layer
 - d) Broad cast layer.
- v) The first line of HTTP request message is _____.
 - a) Request line
 - b) Header line
 - c) Status line
 - d) Entity line

P.T.O.

- vi) Bluetooth is the wireless technology for _____.
- Local Area Network
 - Personal Area Network
 - Metropolitan Area Network
 - Wide Area Network

B. Match the following : [5]

List I

- Datalink layer
- Transport layer
- Mesh
- Star

List II

- Connection Control
- Framing
- Hub
- Bulk Wiring

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

- Radio Transmission.
- Bluetooth.
- Port Addressing.
- Serverbase LAN.

Q3) a) Explain computer Network and Modes of communication. [8]

b) Explain unguided media with it's types. [7]

Q4) a) Explain Network Interface card (NIC) and functions of NIC in detail. [8]

b) Amazon Case study - Tearing down the whole business - [7]

Amazon runs a platform business model as a core model with several business units within some units like prime and the advertising business. Are highly tied to the e-commerce platform for instance, prime help amazon reward repeat customers, thus enhancing it's plat form business other units like AWS halped improve Amazons tech Intrastructure. Today Amazon is a tech gaint who dominated the e-commerce business by offering a wide variety of product at low cost and with a delivery servicess proplled by its inventory management infrastructures buit over the years.

But is Amazon is an extremely complex company which can not be easily labeled. How can we called its business model? Amazon mission statement is to serve consumers through online physical stores and focus on selection, Price and Convenience.

Amazon vision statement is to be Earth's most customer centric company. Where customer can find and discover anything they might want to buy online and endeavors to offer, it's customer the lowest possible pricess.

- i) What is the main idea of case study?
- ii) What is the problem that you can identify?
- iii) What are the possible solutions that you can give?

