[6032]-517

T.Y. B.Com.

355 (L) : COMPUTER PROGRAMMING AND APPLICATION-II

Computer Networking & E-Commerce-I

(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. (Attempt any 5 out of 6)   **[5]**

    a)   _____topology requires a central controlleror hub.

      i)   Star   ii)   Mesh

      iii)   Bus   iv)   Ring

    b)   _____topology requires a multipoint connection.

      i)   Mesh   ii)   Star

      iii)   Ring   iv)   Bus

    c)   In a ____ connection more than 2 devices can share a single link.

      i)   Point-to-point   ii)   Primary

      iii)   Multipoint   iv)   Secondary

    d)   The entities in the samelayer on different machines are called_____

      i)   hosts   ii)   Peers

      iii)   Protocols   iv)   IMP's

    e)   _____is main function of the transport layer.

      i)   Process to process delivery

      ii)   Note to node delivery

      iii)   Synchronization

      iv)   Updating & maintenance of routing tables.

    f)   The OSI model has_____layers.

      i)   4   ii)   5

      iii)   6   iv)   7

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

	List-I		List-II
a)	Data link layer	i)	Encryption
b)	Network layer	ii)	Connection control
c)	Transport layer	iii)	Routing
d)	Presentation layer	iv)	Framing

Q2) Short notes. (any 2 out of 4) **[10]**

a) Blue tooth

b) Serial Network

c) Half duplex

d) Radio Transmission

Q3) a) Explain the computer network concept and types of networks. **[8]**

b) Explain guided media (Wired) with types in detail. **[7]**

Q4) a) Explain Network Interface Card (NIC) and its components. **[8]**

b) Amazon case study-Tearing Down the whole business: **[7]**

Amazon runs a plat form business model as a core model with several business units within some units, like prime & the advertising business are highly tied to the e-commerce plat form for instance prime help. Amazon reward repeat customers thus enhancing its platform business other units like AWS helped improved Amazons tech infrastructure. Today Amazon is a tech gaint who dominated the e-commerce business by offering a wide dominated the ecommerce business by offering a wide variety of product at low cost & with a delivery service propelled by its inventory management infrastructures built over the years.

But if Amazon is an extremely complex company which cant be easily labled. how can we called its business model?

Amazon mission statement is to serve consumer through online, physical stores and Focus on selection, price and convienience.

Amazon vision statement is to be Earth's most customer centric company.

Where customers can find and discover anything might want to buy online and endeavors to offer it's customer the lowest possible pricess.

i) What is the main idea of the case study?

ii) What is the problem that you can identify?

iii) What are the possible solution that you can give?

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