Time: 2½ hrs.   Marks:75

Note:
1. All questions are compulsory with internal options.
2. Figures to the right indicate full marks.
3. Draw neat diagram wherever necessary.

Q. 1 (A) Fill in the blanks with the correct answer from the alternatives given below. (Attempt any 8)   (08)

(1) Packet filtering is the technique of _____
(Firewall, DNS, Spam, Ecommerce)

(2) Portrait and Landscape are _____ in word
(Page Orientation, Paper Size, Page Layout, Page Margin)

(3) _____ is not a font style
(Bold, Italic, Underline, Tilt)

(4) A _____ monitors all of the traffic entering your computer networks
(Firewall, Antivirus, Phishing, None of these)

(5) _____ is a type of internet fraud that seeks to acquire a user's credentials by description
(Phishing, Spam, Virus, Worm)

(6) Which segment do Amazon.com belong?
(B2Bs, C2Bs, B2Cs, C2Cs)

(7) _____ is an organized collection of related information
(Database, Table, DBMS, DBS)

(8) _____ is a synonym for row in a table
(Record, Column, Field, Attribute)

(9) _____ is an extremely fast computer, which can execute hundreds of millions of instructions per second?
(Workstation, Mini computer, Mainframe, Super computer)

(10) A Hub and Switch are _____ devices
(LAN, WAN, MAN, None of the above)

(B) State whether the following statements are true or false. (Attempt any 7)   (07)

(1) MS-Outlook is bulk email software.
(2) Smart Art option is in Insert Menu of MS-Outlook.
(3) SUM function provides a quick way to add numbers together in an Excel spread sheet
(4) Ubuntu is the paid Operating System.
(5) Bookmarks allow you to assign names to text or to positions in your document.
(6) Electronic funds transfer is mostly known as EDI
(7) Kernel is heart of Linux.
(8) Flipkart.com and Amazon.com is an example of digital organization
(9) Gmail is Google's paid e-mail service.
(10) URL stands for universal resource locator.

Q.2 A. Explain concept of databases, what is primary key and foreign key?   (07)

B. What is Transaction Processing System(TPS), Management Information System(MIS) and Executive Information System(EIS)?   (08)

OR

Q.2 A. Explain Computer Based Information System(CBIS). Draw neat and label diagram (07) of 5 level pyramid model.

B. Explain Information to knowledge cycle with suitable diagram. (08)

Q.3 A. State the difference between VLOOKUP and HLOOKUP (07)

B. Explain What-If analysis in detail (08)

OR

Q.3 A. Explain mathematical, statistical and date & time function in excel (07)

B. Define Column chart, Pie chart and Scattered chart with example (08)

Q.4 A. Explain the concept of Internet and Extranet. (07)

B. Explain the concept of E-mail and steps to write professional email. (08)

OR

Q.4 A. What are the advantages and disadvantages of E-Commerce? (07)

B. Explain LAN, MAN, WAN with suitable diagram. (08)

Q.5 A. Why threat management is important? (07)

B. What is Risk Mitigation? Explain its Strategies. (08)

OR

Q.5 Write short notes on (Attempt any 3) (15)

(1) Explain concept, component and benefits of Firewall

(2) Explain in brief about Real Time, Online and Batch Processing System?

(3) Explain Types of Threats in detail.

(4) Explain FAIR Risk Assessment Framework in detail.

(5) Explain Digital signature and its benefits in detail.

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