computer Application in financial services.

Q.P. Code : 278601

(2½ Hours)   [Total Marks : 75

N.B. :   (1) All questions are **compulsory with internal choice.**

(2) **Figures** to the **right** indicates marks allotted to **each** equations.

1. (a) Write Full Form of Following Abbreviation: - (Any **5**)   5

     (i) UDP   (ii) DHCP   (iii) IDS   (iv) DDL

     (v) ANSI   (vi) SQL   (vii) VB

(b) True or False: - (Any **5**)   5

     (i) Router connects two dissimilar network working on different protocols.

     (ii) Satellite communication uses radio wave technology.

     (iii) MsgBox is a function which is used to display message to the user on screen.

     (iv) Asymmetric key cryptography is also known as 'public key cryptography'.

     (v) Modification is a type of active attack

     (vi) Drop table is used to remove the table definition

     (vii) The Do ... Loop executes a block of statements until a condition is true.

(c) Fill in the Blanks: - (Any **5**)   5

     (i) _____ is the extension given to visual basic form.

         (a) fra (b) frm (c) form

     (ii) _____ cable uses light packets for transmitting information.

         (a) Fiber optic (b) coaxial (c) twisted pair

     (iii) _____ is the method of listbox control in visual basic.

         (a) Name (b) AddItem (c) backcolor

     (iv) _____ key is used to connect two tables.

         (a) Primary (b) candidate (c) Duplicate

     (v) _____ is not in TCP/IP model?

         (a) Internet layer (b) network layer (c) transport layer

     (vi) Confidentiality, Authenticity and Intefrity are methods of _____

         (a) Security elements (b) Network element (c) Computer element

     (vii) _____ are made up of column and rows.

         (a) Data (b) Tables (c) Fields

2. (a) Explain the functions of Transport Layer and Session Layer of OSI model.   8

    (b) What are different types of computer attack?   7

OR

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2. (c) Explain three levels of database architecture.
   (d) Write a visual basic program to accept radius of circle through textbox. Calculate and display Area and Circumference of circle.

3. (a) Write a visual basic program to accept two numbers through textbox and display addition, subtraction, multiplication and division of that number.
   (b) What is message switching? Explain.

OR

   (c) What is VPN (Virtual Private Network)?
   (d) Distinguish between traditional file handling and DBMS.

4. (a) Define 'Security' and explain why it is required?
   (b) Explain any three controls of visual basic.

OR

   (c) Explain Ring Topology with its advantages and disadvantages.
   (d) Write a brief note on Data Manipulation Language.

5. Write a Short Notes: - (Any **3**)
   (a) Twisted Pair Cable
   (b) Intrusion Detection System
   (c) Object Oriented Database Model
   (d) Arrays
   (e) Router