

21/4/2017

sub- Computer
Application

150

Sem- VI

Q.P. Code :05424

[Time: 2 1/2 Hours]

[Marks: 75]

Please check whether you have got the right question paper.

- N.B:
- All questions carry equal marks.
 - Figures to the right indicate marks allotted to each question.
 - All questions are compulsory, but have internal option.

Q.1 a. Write full form of following abbreviations (any five)

5

- SMTP
- TCP
- SQL
- IDS
- VPN
- GUI
- ADO

B. State whether the following statements are true or false (any five)

05

- Label control allows user to edit text.
- Internet is an example of Wide Area network.
- Router connects two dissimilar network working on different protocols.
- Encryption is a process of converting cipher text into information.
- "Text" data type in Ms-Access can store characters between 0 to 255.
- Satellite communication uses radio wave technology.
- The Do-while Loop executes statements until a certain condition is met.

c. Choose correct alternative from given below (any five)

05

- MAN refers to?
 - Mega Area Network
 - Metropolitan Area Network
 - Medium Area Network
- Which of following layer is not in OSI model?
 - Internet layer
 - Network layer
 - Transport layer
- _____ Operator gives the remainder of a division.
 - /
 - *
 - Mod
- Which of following cable uses light packets for transmitting information.
 - Fiber optic
 - Coaxial
 - Twisted pair

(P.T.O)

- v) _____ is DDL statement
- Insert
 - Create
 - Select
- vi) _____ is the event in visual basic
- Textbox
 - Label
 - Click
- vii) _____ key prevents the duplication of data in a field
- Primary
 - Candidate
 - foreign

- Q.2 a. Explain the functions of Physical and Data Link layers of OSI model. 08
- b. Define "Security" and explain why it is required? 07
- OR
- c. Explain three levels of database architecture. 08
- d. Create a visual basic application to accept length and breadth of a rectangle through textbox and display the area of rectangle. 07
- Q.3 a. Create a visual basic application to accept principal amount, rate of interest and period through textbox and display the simple interest. 08
- b. State and explain different types of relationship in database management system. 07
- OR
- c. Write brief note on Virus, Worms and Trojans. 08
- d. Explain Bus Topology with its advantages and disadvantages. 07
- Q.4 a. Create a visual basic application to accept a number through textbox 08
- b. Explain how to create a table in Access? 07
- OR
- c. Discuss the role of firewalls in internet security. 08
- d. What is message switching? Explain. 07
- Q.5 Write short note(any three) 15
- Hub
 - Data Manipulation Language
 - Twisted pair cable
 - Data Integrity
 - Operators