

Informatics Practices - 2010

Time : 3 Hrs.] Class-12th [M.M. : 75

Instructions : (i) All questions are compulsory. (ii) Marks allotted to each question are given against it. (iii) Intemat choices are given in Question Nos. 5 to 15 each.

Q. 1. Choose the correct answer of the following and write in your Answer-book :

(a) Collection of a database object of a user is :

- | | |
|--------------|------------------------|
| (i) Schema | (ii) Table |
| (iii) Module | (iv) None of the above |

(b) The value returned by the funtiion LEN ("ABCDEF") is :

- | | |
|------------|---------------|
| (i) ABCDEF | (ii) "ABCDEF" |
| (iii) 6 | (iv) 8 |

(c) The extension of form module is :

- | | |
|------------|-----------|
| (i) .FRX | (ii) .FRM |
| (iii) .PJX | (iv) .MOF |

(d) The value of the function STRING (4,65) is :

- (i) 65, 65, 65, 65 (ii) AAAA
(iii) "AAAA" (iv) 4444.

(e) The number of attribute in any relation is called :

- (i) Tuple (ii) View
(iii) Domain (iv) Degree

Q. 2. Fill in the blanks of the following : 4

- (i) The Database that store data and data structure is called as
- (ii) To specify number of elements in dynamic array statement is used.
- (iii) Value given to a procedure is given by
- (iv) The extension of class module is
- (v) In PL/SQL for selecting multiple number of rows of a Database is used.

Q. 3. State True/False 4

- (i) Fat clients have less processing power.
- (ii) A project can have a maximum of one MDI form only.
- (iii) Visual basic is an object oriented language.
- (iv) Data can only be fragmented horizontally in distributed Database.
- (v) Network protocol is a web browser in Computer Network.

Q. 4. Match the column : 4

"A"

"B"

- | | |
|-------------------------|---------------------------|
| (i) BEFORE | (a) Perform task |
| (ii) Sub-procedure | (b) Concurrent processing |
| (iii) SDLC | (c) Action event |
| (iv) Case definition | (d) Feasibility study |
| (v) Lost update problem | (e) LCASE |

Q. 5. What is Interface? Explain SDI in VB (Visual Basic) 4

(Or) What is TIMER function in Visual Basic? Explain.

Q. 6. What is Database system? Write its uses. 4

(Or) What is Normalisation? How many types of Normalisation are there? Define each of them.

- Q. 7. Differentiate between CHAR and VARCHAR Datatype. +
(Or) Write the uses of View and Synonym.
- Q. 8. BEGIN : 4
Select Namestu, Numstu :
INTO Name 1, Num 1, Num 2
From stu
From Numstu = 200 :
End
- (Or) Explain Scalar and Composite Data Type of PL/SQL.
- Q. 9. What is Record Set? How many types of Record set are there?
(Or) Clarify the difference between ADODB and ADODC in a Form.
- Q. 10. What is an Information System? Explain the components that makes an Information System.
(Or) What is Pay Accounting System? Write the table and obtained information required in it.
- Q. 11. What is PL/SQL? Write its features.
(Or) Write the PL/SQL code for defining the following variables:
Roll No, Name Class, Number Grade, Subject.
- Q. 12. Write about the used in System Analysis. 5
(Or) Explain the following :
(i) Data Warehouse (ii) Data Mining
(iii) Data Encapsulation.
- Q. 13. Explain Do WHILE statement of Visual Basic with the help of an example. 6
(Or) Write procedure in Visual Basic that receives two numbers and print the greater one.
- Q. 14. Explain the use of MSG BOX function with its Syntax. 6
(Or) Write the FOR loop of Visual Basic with the help of an example.
- Q. 15. What is Trigger? Write its Syntax. 6
(Or) Explain SAVE POINT and COMMIT.

