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## 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 function 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. 4

( 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. <http://www.mpboardonline.com>

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.

