

# INFORMATIC PRACTICES - 2011

Time : 3 Hours

Class - 12th

Maximum Marks : 75

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

**Q. 1.** Choose the correct answer and write in your answer book- 5

( A ) In client/server application the client part of the program is called as-

- ( i ) Front-End
- ( ii ) Back-End
- ( iii ) Database
- ( iv ) Module

( B ) In a string the space can be suppressed by-

- ( i ) Instr
- ( ii ) Trim
- ( iii ) Input
- ( iv ) Lcase

( C ) The extension of standard module is-

- ( i ) .FRM
- ( ii ) .CLS
- ( iii ) .BAS
- ( iv ) .FRX

( D ) Collection of logical structure of data is called as-

- ( i ) Query
- ( ii ) Schema
- ( iii ) Table
- ( iv ) Tuple

( E ) A temporary work area created in the system memory is-

- ( i ) Location
- ( ii ) Folder
- ( iii ) Icon
- ( iv ) Cursor

**Q. 2.** Fill in the blanks- 5

- ( i ) ER Model is a ..... data model.
- ( ii ) A variable is declared by ..... keyword.
- ( iii ) Any source written on the basis of OLEDB is called as .....
- ( iv ) Data link layer protocol converts IP datagram into .....
- ( v ) There are no parameters in ..... data type.

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- Q. 3. State True/False- 5
- (i) In network model, data is in the form of tree structure.
  - (ii) Functions are like subroutines but they return value.
  - (iii) RDO refers to Relational Data Object.
  - (iv) PL/SQL is a database program.
  - (v) # operator is used to specify JOIN.
- Q. 4. Match the column <http://www.mpboardonline.com> 5
- | 'A'   | 'B'                       |
|---|---------------------------|
| (i) Retrieve data from the database                 | (a) Picture box           |
| (ii) ADO  | (b) HEX to RAW            |
| (iii) Data aware control                            | (c) FETCH                 |
| (iv) Pass control to the next executable statements | (d) Active × Data objects |
| (v) Conversion function                             | (e) Null Statement        |
- Q. 5. What are the types of modules in VB? Explain with examples. 4
- (Or) Differentiate between By Ref and By Val.
- Q. 6. Write the code in VB to print numbers from 50 to 0. 4
- (Or) Write a user defined function in VB that accepts the Fahrenheit value and converts it into Celsius.
- Q. 7. Explain LCASE and UCASE functions with examples. 4
- (Or) Explain the difference between MDI and SDI.
- Q. 8. What is stored procedure? Explain. 4
- (Or) Write the difference between SQL and PL/SQL.
- Q. 9. Explain Degree of Relationship. How can it be classified? 5
- (Or) Explain client/server model of computing using suitable example.
- Q. 10. What is data control? Explain data control properties. 5
- (Or) Explain ADO Command object with its syntax.
- Q. 11. Explain the various types of error in VB. 5
- (Or) Explain SELECT-CASE statement with syntax and example in VB.

- Q. 12. Write down the features and limitations of Relational Model. 6  
( Or ) Explain Transaction Control Statements and DML statements with examples.
- Q. 13. Explain scalar and composite data types of PL/SQL. 6  
( Or ) Explain %TYPE and %ROWTYPE attributes with examples.
- Q. 14. Explain IF.....THEN.....ELSE statement with syntax and example. 6  
( Or ) Write a program in PL/SQL to calculate the average of user entered numbers using WHILE LOOP.
- Q. 15. Explain implicit cursor and explicit cursor with example. 6  
( Or ) Explain the various types of Trigger in PL/SQL.



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