A-427(E\H) INFORMATICS PRACTICES 2017

Time : 3 Hours]   Class : 12th   [M. M. : 75

Instructions:

    (i)   All questions are compulsory

    (ii)   Question No.1 to 4 are objective type question. Each question is alloted 5 marks.

    (iii)   Question No. 5 to 8 carry 2 marks each. Answer word limit is 30 words.

    (iv)   Question No. 9 to 12 carry 3 marks each. Answer word limit is 75 words.

    (v)   Question No. 13 to 17 carry 4 marks each. Answer limit is 120 words.

    (vi)   Question No. 18 to 20 carry 5 marks each. Answer limit is 150 words.

    (vii)   Internal options are given in question no. 5 to 20.

Q. 1.   Choose the correct alternative and write in your answer book.

    (a)   The example of Front-End user is :   5 × 1 = 5

        (i) INGRESS   (ii) C

        (iii) HTML   (iv) ORACLE

    (b)   This function is used for producing a string with certain number of repeating characters.

        (i) STRING   (ii) STR

        (iii) SPACE   (iv) INSTR

    (c)   The suitable tool for COM, DCOM and SQL is:

        (i) ODBC   (ii) DAO

        (iii) RDO   (iv) OLEDB

    (d)   The Error comes when we chose A Cursor which is not OPEN.

        (i) CURSOR NOT OPEN   (ii) INVALID CURSOR

        (iii) CURSOR NOT FOUND   (iv) CURSOR NOT CREATED

    (e)   To change the structure of table we use:

        (i) COMMIT   (ii) ALTER

        (iii) CHANGE   (iv) CREATE

Q. 2. Fill in the blanks. 5 × 1 = 5

    (i)   Table concept is used in .... model.

    (ii)   File name extension of class module is ....

    (iii)   .... statements can change execution sequence.

    (iv)   True and False values are represented by .... data type.

    (v)   .... Trigger can also be created and stored.

Q. 3. State True/False 5 × 1 = 5

    (i)   Value of derived attribute is determined by base attribute.

    (ii)   Data Grid can be linked with embedded object.

    (iii)   Five parameters are required for the connection object of open method.

    (iv)   % ROWTYPE is used to assign values to whole record.

    (v)   The BULK COLLECT clause is used to bring small quantity of data in to local PL/SQL variable.

Q. 4. Match the following: 5 × 1 = 5

A	B
(i) Multivalued Attribute	(a) Developer Comany
(ii) Library Function	(b) TNSNAMES
(iii) ADODC	(c) Child block
(iv) Sub block	(d) Many values
(v) Unconditional branch	(e) NULL
	(f) GOTO

Q. 5. What is RDBMS? Write examples of main RDBMS system. 2

(OR) Write the function of DDL statements.

Q. 6. Explain General/Sub procedure with syntax. 2

(OR) Write the difference between static cursor and dynamic cursor of ADO.

Q. 7. Write the use of SQL queries with example. 2

(OR) How can we drop procedure, function and package?

Q. 8. How record is declared in PL/SQL? Explain with syntax. 2

(OR) Explain data encapsulation.

Q. 9. Explain Reference datatype and Large Object datatypes. 3

(OR) Explain the general syntax and example to declare available in PL/SQL.

Q. 10. Explain For NEXT in VB with syntax and example. 3

(OR) Define a function in VB that adds any two number.

11. Explain DBCombo and DBLIST. 3

(OR) Write the names of main debugging tools in VB and explain any one of them.

Q. 12. Explain INSERT, UPDATE and DELETE command in SQL. 3

(OR) Write the advantages of stored procdure in PL/SQL.

Q. 13. Write short notes on: 4

(i) Data Mining

(ii) Embedded SQL Statements.

(OR) Write short notes on:

(i) Hierarchical model

(ii) Coding/Implementation.

Q. 14. What is MDI? Explain parent and child form of VB. 4

(OR) Explain ADO command object and ADO record set object with syntax in VB.

Q. 15. How many sections or blocks are there in PL/SQL program construct? Expalin. 4

(OR) "A Database transaction must be ACID". Explain.

Q. 16. Explain numeric FOR LOOP of PL/SQL with syntax and example. 4

(OR) Write the syntax to create procedure in PL/SQL and explain it.

Q. 17. Explain Replicated data and Reorganized data. 4

(OR) Explain the logical operator and string operator of PL/SQL

Q. 18. Describe the client/server model of computing. 5

(OR) What is SDLC? Explain.

Q. 19. Explain the various Data Report Designer countrols Of VB. 5

(OR) Expalin the Oracle connectivity through ADO Data Control.

Q. 20. Define function with syntax in V.B. Write a function that accepts a value in Fahrenheit and converts it in to Celsius.

(OR) What are different ways to exit an error handler routine in VB? explain.