



RAN - 1911000103030001

RAN-1911000103030001**S. Y. B. C.A. (Sem. - III) Examination****January - 2021****Relational Database Management System****સૂચના : / Instructions****(1)**

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

☛ **S. Y. B. C.A. (Sem. - III)**

Name of the Subject :

☛ **Relational Database Management System**Subject Code No.: **1911000103030001**

Seat No.:

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Student's Signature

- (2) Write to the point.
 (3) Provide examples and diagrams wherever appropriate / necessary.
 (4) Figures to the right indicate full marks to the question.

Q. 1. (A) Answer the multiple choice questions :**10**

- (1) Which of the following can be used to declare record?
 A. % TYPE C. BOTH A and B
 B. % ROWTYPE D. None of these
- (2) Field is also known as :
 A. Tuple C. Entity
 B. Attribute D. Row
- (3) What is the initial value of index for a reverse for loop?
 A. LOWER bound C. 1
 B. UPPER bound D. Upper bound-Lower bound/2
- (4) Which operator is used to obtain results of two queries that return only rows that appear in both as well as common sets among them?
 A. Union C. Intersect
 B. Projection D. All of above

- (5) Which of the following is not a subprogram?
 A. Procedure C. Package
 B. Function D. Cursor
- (6) Which keyword is used to recreate if trigger already exists.
 A. Cursor C. Keywords
 B. Trigger D. Replace
- (7) You can pass parameters to procedures or functions in a package.
 A. True C. Depends upon
 B. False D. None of the above
- (8) Which of the following statements can be used to terminate a PL/SQL loop?
 A. GOTO C. CONTINUE WHEN
 B. STOP D. EXIT WHEN
- (9) How many RETURN statements can a function have?
 A. Only One C. One or More
 B. Zero or More D. Not necessary to have return statement
- (10) DBMS supports Client Server Architecture.
 A. True B. False

Q. 1. (B) Answer the following: (Any Four) 08

- (1) What do you mean by Physical Data Independence?
- (2) Differentiate VARCHAR and VARCHAR2 datatype.
- (3) What is the meaning of referential integrity constraint?
- (4) Explain the %type data types.
- (5) What is index?

Q. 2. (A) Answer the following: (Any Two) 10

- (1) What is relational database management system? Explain any three codd's rules in detail.
- (2) Explain string functions.
- (3) Explain about various RDBMS Datatypes.

Q. 2. (B) Write a short note on the following: (Any One) 04

- (1) Scalar functions.
- (2) Union, Intersection and Minus Clauses.

- Q. 3. (A) Answer the following: (Any Two) 10**
- (1) Explain concepts of Cursors and types of Cursors.
 - (2) What is exception? How to handle exceptions? Explain in detail.
 - (3) Explain Conditional Statements with appropriate example.
- Q. 3. (B) Write a short note on the following: (Any One) 04**
- (1) Stored Procedure.
 - (2) User Defined Exception.
- Q. 4. Answer the following: (Any Two) 14**
- (1) What is package? Explain concept of Package giving an example.
 - (2) What is trigger? How trigger executes? How to disable triggers?
 - (3) What is view? Explain types of view.
- Q. 5. Differentiate the following : (Any Two) 10**
- (1) DBMS Vs RDBMS.
 - (2) TRUNCATE Vs DELETE.
 - (3) User Defined Exception Vs System Defined Exception.
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