

Total No. of Questions : 6]

SEAT No. :

P2948

[5801]-417

[Total No. of Pages : 2

S.Y.B. Com.

246 L : COMPUTER PROGRAMMING AND APPLICATION -II

Relational Database Management System

(CBCS 2019 Pattern) (Semester -IV)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *Q.No.1 and Q.No. 6 compulsory.*
- 2) *Solve any three questions from the remaining questions No. 2, 3, 4 and 5.*
- 3) *Figure to the right indicate full marks.*

Q1) A) Fill in the blanks (any 5) [5]

- i) ODBC stands for_____
 - a) Open database connectivity
 - b) Over database concept.
 - c) Open database contacts
 - d) Over database contacts.
- ii) _____key ensure the referential integrity. of the data in one table to match the values in another table.
 - a) Primary key
 - b) foreign key
 - c) Unique key
 - d) Not null key
- iii) _____ is relationship between the parent and child can be depicted in a query result as a tree
 - a) Scalar query
 - b) Hierarchical query
 - c) Correlated query
 - d) Multiple column subquery
- iv) _____ is special one row, one column table presented by default in all oracle databases
 - a) DUAL
 - b) Employee
 - c) Dummy
 - d) Default
- v) _____ command removes user access right to the database objects.
 - a) Grant
 - b) Revoke
 - c) Constraint
 - d) Privileges
- vi) _____ SQL commands are used for providing security to database objects.
 - a) DML
 - b) DDL
 - c) DCL
 - d) TCL

P.T.O.

- B) Match the pair [5]
- | Group A | Group B |
|-----------|--|
| 1) Table | a) Set of all possible values for relation |
| 2) Record | b) Collection of related data |
| 3) Field | c) vertical entity in a table |
| 4) Column | d) individual entry in a table |
| 5) Domain | e) Smaller entities in a table |

Q2) Answer the following questions. [15]

- a) What is DDBMS?
- b) Explain super key and candidate key.
- c) Write advantages of RDBMS.

Q3) Answer the following Questions. [15]

- a) Write an SQL constraints.
- b) What is sequence and synonyms?
- c) Explain aggregate function.

Q4) Answer the following questions. [15]

- a) Explain Date and time functions.
- b) Write an Rollup and cube operator.
- c) What are joins? Explain any two joins.

Q5) Answer the following questions. [15]

- a) Explain user privileges in detail.
- b) What is universal data access?
- c) Write an co-related subqueries.

Q6) Write short note on following (Any 3) [15]

- a) TCL
- b) View
- c) JDBC
- d) Disadvantages of RDBMS.
- e) Multiple column subqueries.



Total No. of Questions : 4]

SEAT No. :

P2949

[5801]-418

[Total No. of Pages : 2

S.Y.B. Com. (Vocational)

**245 A VOC : COMPUTER APPLICATIONS-I
(2019 CBCS Pattern) (Semester -IV)**

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) A) Fill in the blanks:

[5]

- i) The information of MIS comes from the boot_____ source.
 - a) External
 - b) Superficial
 - c) Internal
 - d) Internal and External
- ii) Full form of ESS is_____
 - a) Essential Student System
 - b) Executive Support System
 - c) Executive Sub System
 - d) Examination Student Support
- iii) _____ is the component of Information system
 - a) Source
 - b) Data
 - c) Product
 - d) Strategy
- iv) ERP is an_____
 - a) Enterprise Resource Planning
 - b) Enterprise Research Product
 - c) Enterprise Research Process
 - d) Entrepreneus Resource Process
- v) The decision support system is used only for_____
 - a) Information Retrieval
 - b) Information Storage
 - c) Decision Making
 - d) Manage Information

P.T.O.

B) Match the Pairs: [5]

- | | |
|-----------------|----------------------------------|
| i) MIS | a) Supports Decision Making |
| ii) Data | b) Executive support system |
| iii) ESS | c) ERP Technology |
| iv) DSS | d) Financial module for business |
| v) ERP software | e) Information |

Q2) Write short note on the following (Any two) [10]

- a) Information System
- b) Components of DSS
- c) Need of MIS

Q3) Answer the following questions (Any four) [20]

- a) What is DSS? Explain.
- b) Give any four benefits of ERP systems.
- c) What is Information? Explain.
- d) What are the major characteristics of Decision Support System?
- e) What is the scope define for ERP?

Q4) Answer the following questions (Any one). [10]

- a) What is MIS? Explain objectives of MIS in detail.
- b) What are the advantages and disadvantages of Executive Support System?

