

VPMP POLYTECHNIC, GANDHINAGAR**DEPARTMENT OF COMPUTER ENGINEERING****DE – SEMESTER 3 MID EXAMINATION- PHASE 2****Subject Code: 4330702****Date: 18/01/2023****Subject Name: Relational Database Management****Time: 9:30 TO 12:00 PM****Total Marks: 70**

Instructions: 1. Attempt all questions.
 2. Make suitable assumptions wherever necessary.
 3. Figures to the right indicate full marks.

- Q.1** (a) Describe in detail schema, subschema and instance. **03**
 (b) Give difference between GRANT and REVOKE. **04**
 (c) Define view, give types of it and how to create it? Also give advantages. **07**
- OR**
- (c) What is sequence? How to create it? How to destroy it? **07**
- Q.2** (a) Explain any conversion function of sql. **03**
 (b) What is index? How to create it? Explain with Example. **04**
 (c) Explain loops with example. **07**
- OR**
- Q.2** (a) Explain any two character function of sql. **03**
 (b) What is PL/SQL? Explain the Generic Block of PL/SQL. **04**
 (c) Explain group-by, having and order by clause. **07**
- Q.3** (a) Explain Anchored data type with Example. **03**
 (b) Explain SQL functions : a) avg() b) floor() c) round() d) next_day() **04**
 (c) Explain conditional control in PL\SQL. **07**
- OR**
- Q.3** (a) Explain Arithmetic operator with example. **03**
 (b) List different operators. Explain arithmetic operators with example. **04**
 (c) Explain SET operators with example. **07**
- Q.4** (a) Explain synonyms. How to create it? **03**
 (b) Explain First Normal Form with Example **04**
 (c) Explain outer join with example. **07**
- OR**
- Q.4** (a) Explain LIKE operator with example. **03**
 (b) Explain Second Normal Form with Example. **04**
 (c) Explain Exception Handling with its types. **07**

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| Q.5 | (a) | What is Normalization? Write its advantages. | 03 |
| | (b) | Explain check and not null constraint with example. | 04 |
| | (c) | Explain different types of cursors. | 07 |

OR

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| Q.5 | (a) | Explain Function with Example. | 03 |
| | (b) | Explain primary key and unique constraint with example. | 04 |
| | (c) | What is trigger? How to create it Explain with its types. | 07 |