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| <b>QP Code: D145133</b>                                                                  |                                 | <b>Total Pages: 1</b> | <b>Name:</b>             |
|                                                                                          |                                 |                       | <b>Register No.</b>      |
| <b>SECOND SEMESTER B.VOC (CUFYVP) REGULAR EXAMINATION APRIL 2026</b>                     |                                 |                       |                          |
| <b>DATA SCIENCE AND ANALYTICS</b>                                                        |                                 |                       |                          |
| <b>DSA2CJ101 Introduction to RDBMS and SQL</b>                                           |                                 |                       |                          |
| <b>2025 Admission</b>                                                                    |                                 |                       |                          |
| <b>Maximum Time :2 Hours</b>                                                             |                                 |                       | <b>Maximum Marks :60</b> |
| <b>Section A</b>                                                                         |                                 |                       |                          |
| <b>All Questions can be answered. Each Question carries 3 marks (Ceiling : 20 Marks)</b> |                                 |                       |                          |
| 1                                                                                        | Define DBMS and its purpose     |                       |                          |
| 2                                                                                        | List advantages of DBMS         |                       |                          |
| 3                                                                                        | What is instance?               |                       |                          |
| 4                                                                                        | List SQL data types             |                       |                          |
| 5                                                                                        | What is TRUNCATE?               |                       |                          |
| 6                                                                                        | Explain schema creation         |                       |                          |
| 7                                                                                        | Define ORDER BY                 |                       |                          |
| 8                                                                                        | Explain AVG()                   |                       |                          |
| 9                                                                                        | Define GRANT                    |                       |                          |
| 10                                                                                       | Explain SET statement           |                       |                          |
| 11                                                                                       | Define cursor                   |                       |                          |
| 12                                                                                       | Explain savepoint               |                       |                          |
| <b>Section B</b>                                                                         |                                 |                       |                          |
| <b>All Questions can be answered. Each Question carries 6 marks (Ceiling : 30 Marks)</b> |                                 |                       |                          |
| 13                                                                                       | Define CREATE TABLE statement   |                       |                          |
| 14                                                                                       | Define SELECT statement         |                       |                          |
| 15                                                                                       | Explain LIKE operator           |                       |                          |
| 16                                                                                       | Define IF statement in SQL      |                       |                          |
| 17                                                                                       | Define stored procedure         |                       |                          |
| 18                                                                                       | What is database approach?      |                       |                          |
| <b>Section C</b>                                                                         |                                 |                       |                          |
| <b>Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)</b>                    |                                 |                       |                          |
| 19                                                                                       | Compare file system and DBMS    |                       |                          |
| 20                                                                                       | Design table using SQL commands |                       |                          |