

1488/V

B.C.A. (PART-III) EXAMINATION, 2023-24

(V<sup>th</sup> SEMESTER)

BCA 502: ORACLE AND PL/SQL

Paper : II

1258

Time : Three Hours]

[Maximum Marks : 70

- Note:** (i) Attempt **five** questions in all.  
(ii) Question No. **1** is **compulsory**.  
(iii) Answer remaining **four** questions, selecting **two** from each Section **A** and **B**.  
(iv) All questions carry equal marks.
1. Answer all parts of the following :
- (a) What do you mean by Data encryption ?  
(b) Define oracle engine.  
(c) Explain the transaction logs.  
(d) Explain the term Queries in SOL.

**Section-A**

2. What do you mean by PL/ SQL and how is it differ from SQL? Explain the different data types available in PL/SQL also.
3. What do you mean by the term overloading in oracle database? How procedure and function overloading exist?

4. Explain the term Recovery and in what way database recovery, transaction recovery and system recovery differentiate to each other.
5. Explain the difference between triggers and constraints.

### **Section-B**

6. (a) Explain any five SQL Commands with examples.  
(b) Explain client server architecture.
7. (a) Explain the difference between Granting and revoking privileges.  
(b) Why backup is needed? Explain
8. (a) What do you understand by Error Handling in PL/SQL.  
(b) Explain cursor types in PL/SQL.
9. Write notes on any **two** of the following :
  - (a) SQL operators
  - (b) Integrity Rules
  - (c) SQL characteristics

