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Online Annual Examination, 2022

B.Com. Part II

COMPUTER APPLICATION

Paper II

[Relational Database Management System]

Time : Three Hours] [Maximum Marks : 50

Note : Section 'A' containing 10 very short answer type questions, is compulsory. Section 'B' consists of short answer type questions and Section 'C' consists of long answer type questions. Section 'A' has to be solved first.

Section 'A'

Answer the following Very Short Answer Type Questions in one or two sentences : **1×10=10**

1. What is database management system ?
2. What is the relation ship ?
3. What do you meant by transitive dependency ?
4. What is multivalued attribute ?
5. Explain key attribute.

6. What is super key ?
7. What do you meant by SQL?
8. Define data manipulation language.
9. Explain constant in PL/SQL.
10. What is meant by Roles ?

Section 'B'

Answer the following Short Answer Type Questions in about 150-200 words : **3 × 5 = 15**

1. Why database is important ? Explain

Or

Explain an architecture of database management system.

2. Explain relational algebra operation.

Or

Explain functional dependences with suitable example.

3. Explain traditional set operators in relational database design.

Or

State and explain B.C.N.F. in detail.

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4. How can specify integrity constraint ? Explain

Or

Define SQL sub query. Explain

5. Write a program in PL/SQL to find given number is odd or even.

Or

What is the privilege ? How can we create privilege in PL/SQL.

Section 'C'

Answer the following Long Answer Type Questions in about 300-350 words : **5×5=25**

1. Explain DDL Commands in brief.

Or

Explain extity-relationship diagram.

2. What is cursor ? Explain

Or

Explain 3NF with suitable example.

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3. Explain special relation operations in relational database design.

Or

Explain de-normalization with example.

4. How can modifying existing table ? Explain

Or

Explain the following :

(i) Order by function

(ii) Group by function

5. Explain triggers in PL/SQL.

Or

Explain black structure in PL/SQL with suitable example.

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