

# DATABASE SYSTEM

CODE:16SCCCA4  
Class –II BCA

MAX: 75 Marks

## SECTION – A

(10 × 2 = 20)

1. List the requirement of DBMS.
2. Define Data Dictionary.
3. Define Query.
4. What is data manager? List its responsibility.
5. What is composite key?
6. What do you meant by ternary relationship?
7. Explain referential constraints.
8. What is meant by derived attribute?
9. State the difference between trivial and non trival dependency.
10. What do you meant by multi valued dependency?

## SECTION– B

(5 × 5 = 25)

11. (a) Define database. Discuss about application of Database System. (Or)  
(b) Explain Relational Database.
12. (a) Describe about keys and schema diagram. (Or)  
(b) Explain in detail about relational query language.
13. (a) Write short notes on Aggregate operation. (Or)  
(b) What is Integrity constraint? Write about complex integrity constrains in SQL.
14. (a) Write short notes on Outer Joins with example. (Or)  
(b) Explain generalization, specialization and aggregation with example.
15. (a) Enumerate the Decomposing using functional Dependencies . (Or)  
(b) Narrate the 2<sup>th</sup> and 3<sup>th</sup> normal forms.

## SECTION – C

(3 × 10 = 30)

### Answer any THREE Questions

16. Discuss about the data storage and Querying Transaction.
17. Explain additional relational - algebra operation with example.
18. Explain about the SQL Data types and Schema.
19. Discuss about Database Design for Banking Enterprises.
20. What do you meant by normalization? Explain BCNF, 4NF and 5NF with suitable example.

# DATABASE SYSTEMS

CODE:16SCCCA4

MAX: 75 MARKS

Class - II BCA

## SECTION-A

(10\*2=20)

1. What is database system?
2. Give the levels of data abstraction.
3. What is primary key?
4. What is a NULL value?
5. What is a SQL Data types?
6. Write SQL query to create table.
7. Define tuple relational calculus.
8. Define three constraints using E-R diagram?
9. What is Super Key?
10. Define multivalued dependencies.

## SECTION-B

(5\*5=25)

- 11.(a) Explain in detail about history of database system. (OR)  
(b) Explain about database users and administrators.
12. (a) Write any 2 additional relational algebra operations. (OR)  
(b) Write a note on Structure of relational Databases.
13. (a) Write a note on aggregate functions. (OR)  
(b) Explain the set operators used in SQL.
14. (a) Explain about domain relational calculus. (OR)  
(b) Write a short note on Entity relationship diagram.
- 15.(a) Explain More Normal Forms.(OR)  
(b) Explain Database design process?

## SECTION-C

(Answer any THREE questions)(3\*10=30)

16. Explain the architecture of DBMS with a neat block diagram.
17. Discuss about the fundamental Relational algebra operations.
18. What is view? How it is created?
19. Draw and ER Diagram for abanking enterprise with all components and explain?
20. Explain Normalization. (a) 1NF (b) 2 NF (c) 3NF

# DATABASE SYSTEMS

CODE: 16SCCCA4

MAX: 75 MARKS

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## SECTION-A

(10\*2=20)

1. What is meant by transaction?
2. Give any 2 database applications.
3. What is meant by Instance?
4. What is meant by schema?
5. Different between SQL and CPL?
6. Define Authorization.
7. Define calculus.
8. Define Entity-Relationship Design Issues?
9. What is Atomic Domains?
10. Define functional dependencies.

## SECTION-B

(5\*5=25)

11. (a) Explain in detail about purpose of database system.(OR)  
(b) Explain about view of Data.
12. (a) Write any 4 Extended relational algebra operations.(OR)  
(b). Write any 4 Basic relational algebra operations.
- 13.(a) Explain Basic Structure of SQL Queries.(OR)  
(b) Explain embedded SQL.
14. (a) Explain about tuple relational calculus.(OR)  
(b) Write a short note on Mapping Cardinalities.
15. (a) Explain features of good relational design?(OR)  
(b) Explain Functional dependencies and its Types.

## SECTION-C

(3\*10=30)

(Answer any THREE questions)

16. Explain Database languages.
17. Write a note on Modification of the Database.
18. Explain joined relation.
19. Explain ER Model.
20. Explain Boyce Codd normal form (BCNF).

# COMPUTER APPLICATION IN BUSINESS

**Sub CODE: 16SACAOB2**

**Class –II BCA**

**MAX: 45 Marks**

## **SECTION – A**

**(6\*11/2=9)**

1. Define Computer.
2. Define Input and Output Devices
3. What is editing?
4. Draw a tally screen and menus.
5. What is meant by computerized accounting?
6. What is a day book?

## **SECTION-B(5\*3=15)**

**Answer any 5 Questions**

7. Characterized of computers.
8. How can you inserting object in word document.
9. Create & formatting three different types of chart.
10. Write a short note on ledger.
11. Explain cash flow statement.
12. Explain about profit and loss account.

## **SECTION- C(3\*7=21)**

**Answer any 3 Questions**

13. Create a business letter.
14. Editing and formatting worksheet.
15. How to find total, average, result in worksheet give example.
16. Explain Trial balance.
17. Define voucher and its types.

# Computer Applications in Business

Sub Code: 16SBCAOB2

Max.: 45 Marks

Class –II BCA

## SECTION - A (6×1 1/2 = 9 Marks)

**Answer All Questions:**

1. Write a components of computer.
2. List any 3 features of MS-Excel.
3. Define computerized accounting.
4. What is Ledger?
5. Define Budgets.
6. What is daybook?

## SECTION - B (5×3 = 15 Marks)

**Answer Any Five Questions:**

7. List out the applications areas of computer.
8. Write a steps to Open, Save and Close a documents.
9. Write any five difference between computerized accounting and manual accounting.
10. How can you create ledgers in Tally?
11. State the steps to generate reports.
12. Write a procedure to editing a voucher entry?
13. What do you meant by Bank Reconciliation Statement?

## SECTION - C (3×7 = 21 Marks)

**Answer any THREE Questions.**

14. Create a business letter using MS-Word.
15. How can you merge and split the table ?
16. Discuss about the vouchers and its types.
17. Explain the steps to create company using Tally.
18. Describe the preparation of Balance Sheet.

# Computer Applications in Business

Sub Code: 16SACA0B2

Max.: 45 Marks

Class –II BCA

## SECTION - A (6×1 1/2 = 9 Marks)

**Answer All Questions:**

1. Define Spelling and Grammar check.
2. Write a short cut key of Cut, Copy and Paste.
3. Define voucher.
4. State the features of Tally.
5. Define Ratio Analysis.
6. What is Stock?

## SECTION - B (5×3 = 15 Marks)

**Answer Any FIVE Questions:**

7. How can you insert a table, merge and split the table in MS-Word?
8. Discuss about Editing and Formatting in MS-Excel.
9. Write a steps to create groups.
10. Explain the Contra Voucher.
11. Write a short notes on Tally Screens and Menus.
12. Write a procedure to create sales voucher.
13. What do you meant by Trial Balance?

## SECTION - C (3×7 = 21 Marks)

**Answer any THREE Questions.**

14. Create an application for the job with bio-data using word documents.
15. Write a steps to create Mail – Merge.
16. Discuss about Final Account.
17. Explain the steps to create Ledgers.
18. Describe the preparation of Inventory Report.

# ORGANIZATIONAL BEHAVIOR

## SECTION-A

Max: 75Marks

**Sub Code: 16SACA0B3**

**Class: II BCA**

ANSWER FOR ALL QUESTIONS

10\*2=20

1. Define Human Behaviour.
2. What is Anthropology?
3. Define Job Security.
4. Name any 2 Social factors.
5. What is meant by Job satisfied?
6. Define Attitude.
7. State of the Ego.
8. Define conflicts.
9. How to mean by Leader.
10. Declare by guide.

## SECTION -B

ANSWER FOR ALL QUESTIONS

5\*5=25

11. (a) Explain about the Discipline (OR)  
(b) What are the needs of study OB.
12. (a) Explain the process of Perceptions.(OR)  
(b) Discuss in detail about characteristics of Individual behaviour.
13. (a) Explain in detail about the Learning Curve.(OR)  
(b) Types of Attitudes with examples.
14. (a) What are the types of stress.(OR)  
(b) Elaborate note on group formation.
15. (a) Discuss in detail about the Organizational politics..(OR)  
(b) Elaborate on Power of Leader.

## SECTION -C

ANSWER ANY THREE QUESTIONS

3\*10=30

16. Discuss in detail about Importance of OB
17. Write a brief note on theories of perceptions with suitable example.
18. Explain in detail about the Attitudes.
19. Detail about the group behaviour.
20. Explain in detail about the functions and style of leadership.

# ORGANIZATIONAL BEHAVIOR

## SECTION-A

MAX: 75Marks

**Sub Code: 16SACAOB3**

**Class: II BCA**

ANSWER FOR ALL QUESTIONS

10\*2=20

1. Define Organizational behaviour.
2. What are the key elements of OB?
3. Define Personality.
4. Name the Perceptions
5. What is mean by value?
6. Define Learning.
7. Difference between Formal and Informal Group.
8. Define the job stress.
9. How to declare politics.
10. What is Decision Making?

## SECTION -B

ANSWER FOR ALL QUESTIONS

5\*5=25

11. (a) Explain about the objectives of OB. (OR)  
(c) List out the Nature of OB.
12. (a)What are the determinants of Perception? (OR)  
(b) Explain the Individual behaviour and its factors.
13. (a) Write the values and its types.(OR)  
(b) Explain the Discipline contributing of OB.
14. (a) Discuss about the Job Stress.(OR)  
(b) Discuss in detail about group cohesiveness.
15. (a) Types of leaderships.(OR)  
(b) Elaborate on types of powers.

## SECTION -C

ANSWER ANY THREE QUESTIONS

3\*10=30

16. Narrate the Organizational Models.
17. Theories of Personalities with suitable examples.
18. Explain in detail about the Functions of Attitudes.
19. Elaborate of group behaviour.
20. Explain in detail about the leadership.

## **ORGANIZATIONAL BEHAVIOR**

**Sub Code: 16SACA0B3MAX: 75Marks**

**Class: II BCA**

### **SECTION-A**

**ANSWER FOR ALL QUESTIONS**

**10\*2=20**

1. What is mean by Organization?
2. Any 2 types of model.
3. Define 2 factors of Individual behaviour.
4. Define Sociology.
5. Any 3 factors of attitude
6. How to guess value from others.
7. Factors of Informal group behaviour.
8. When occur of Stress.
9. Who is Leader?
10. What are the functions of politics?

### **SECTION -B**

**ANSWER FOR ALL QUESTIONS**

**5\*5=25**

11. (a) Given the simple Organization chart with neatly. (OR)  
(d) Explain about the OB with factors.
12. (a) Foundation of Individual Behaviour some examples.(OR)  
(b) Discuss in detail about Personality.
13. (a) What are the types of learning with example.(OR)  
(b) How to analysis of Attitude and differentiate to others
14. (a) Discuss about the reasons of group behaviour.(OR)  
(b) How to differentiate between Formal and Informal group behaviour.
15. (a) Define the role of the leadership.(OR)  
(b) Difference between power and politics.

### **SECTION -C**

**ANSWER ANY THREE QUESTIONS**

**3\*10=30**

16. Explain the concept of Understanding of OB
17. Briefly explain about the theories of Personality.
18. Explain about the attitude and value
19. Discuss about the Group behaviour.
20. Write notes on Organizational Politics.