

**2411000902010012-A**  
**EXAMINATION APRIL - 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -204) PROG - SKILL**

[Time: Two Hours]

[Max. Marks: 25]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
  - b. Name of the Subject : **BCA (PRACTICAL -204) PROG - SKILL**
  - c. Subject Code No : **2411000902010012-A**
2. Sketch neat and labelled diagram wherever necessary.
  3. Figures to the right indicate full marks of the question.
  4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

- Q.1** Write a program to create a structure of five student with a member name, roll no, 3 subject marks calculate total and percentage display it proper format. **20**
- Q.2** Viva + Journal **5**

\*\*\*\*\*

**2411000902010012-B**  
**EXAMINATION APRIL 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -204) PROG - SKILL**

[Time: Two Hours]

[Max. Marks: 25]

**Instructions:**

- 1. Fill up strictly the following details on your answer book**
  - a. Name of the Examination: **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
  - b. Name of the Subject: **BCA (PRACTICAL -204) PROG - SKILL**
  - c. Subject Code No: **2411000902010012-B**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

- Q.1** Write a Python program to check whether the number is Armstrong or Not. **20**
- Q.2** Viva+Journal **5**

\*\*\*\*\*

**2411000902010012-C**  
**EXAMINATION APRIL 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -204) PROG - SKILL**

[Time: Two Hours]

[Max. Marks: 25]

**Instructions:**

- 1. 1. Fill up strictly the following details on your answer book**
  - a. Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
  - b. Name of the Subject : **BCA (PRACTICAL -204) PROG - SKILL**
  - c. Subject Code No : **2411000902010012-C**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

- Q.1** Write a C program to create a structure employee with a member employee I'd, employee name and basic salary. Read employee information from user and calculate net salary where net salary =basic salary +HRA+DA-PF. HRA is 10% of basis salary, DA is 50% of basic salary and PF is 20% of basic salary. **20**
- Q.2** Viva+Journal. **5**

\*\*\*\*\*

**2411000902010012-D**  
**EXAMINATION APRIL 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -204) PROG - SKILL**

[Time: Two Hours]

[Max. Marks: 25]

**Instructions:**

- 1. 1. Fill up strictly the following details on your answer book**
  - a. Name of the Examination: **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
  - b. Name of the Subject : **BCA (PRACTICAL -204) PROG - SKILL**
  - c. Subject Code No : **2411000902010012-D**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

- Q.1** Write a python to print N number using UDF **20**
- Q.2** Viva+Journal **5**

\*\*\*\*\*

**2411000902010012-E**  
**EXAMINATION APRIL 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -204) PROG - SKILL**

[Time: Two Hours]

[Max. Marks: 25]

**Instructions:**

- 1. 1. Fill up strictly the following details on your answer book**
  - a. Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
  - b. Name of the Subject : **BCA (PRACTICAL -204) PROG - SKILL**
  - c. Subject Code No : **2411000902010012-E**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

- Q.1** Write a python program to calculate net salary where net salary = basic salary +hra+da-pf, hra is 10% of basic salary, da is 50% of basic salary and pf is 20% of basic salary. **20**
- Q.2** Viva+ Journal **5**

\*\*\*\*\*

**2411000902010012-F**  
**EXAMINATION APRIL 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -204) PROG - SKILL**

[Time: Two Hours]

[Max. Marks: 25]

**Instructions:**

- 1. Fill up strictly the following details on your answer book**
  - a. Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
  - b. Name of the Subject : **BCA SEM-2 (PRACTICAL -204) PROG - SKILL**
  - c. Subject Code No : **2411000902010012-F**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

- Q.1** Write a C program to create user define recursive function to find factorial of inputted number. **20**
- Q.2** Viva+Journal **5**

\*\*\*\*\*

**2411000902020022-A**  
**EXAMINATION APRIL 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -205) CRDMS**  
**CONCEPTS OF RELATIONAL DATABASE MANAGEMENT**  
**SYSTEMS**

[Time: Two Hours]

[Max. Marks: 25]

**Instructions:**

1. **1. Fill up strictly the following details on your answer book**
  - a. Name of the Examination: **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
  - b. Name of the Subject: **BCA (PRACTICAL -205) CRDMS**
  - c. Subject Code No: **2411000902020022-A**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

**Q.1 [A] Create following tables with proper constraints, primary key. Insert at least 5 records in each table. 10**

Course (course\_id, course\_name)

Student (sno, sname, city, mobile, birth\_date, course\_id)

**[B] Write a PL/SQL block to display the student detail of given sno if student belongs to "Surat" city. 10**

**Q.2 Viva + Journal 5**

\*\*\*\*\*



**2411000902020022-C**  
**EXAMINATION APRIL 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -205) CRDMS**

[Time: 2 Hours]

[Max. Marks: 25]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a) Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
- b) Name of the Subject : **BCA (PRACTICAL -205) CRDMS**
- c) Subject Code No : **2411000902020022-C**

- 2. Sketch neat and labelled diagram wherever necessary.
- 3. Figures to the right indicate full marks of the question.
- 4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

- Q.1**      [A]      Create following table with appropriate constraints and primary key.      **10**  
Insert at least 10 records in each table.  
Custmast(custID, cname, city, phoneno)  
Billmast(billno, custID, bill\_date, bill\_amt)
- [B]      Write a PL/SQL block to give 20% discount on bill amount more      **10**  
                 than Rs. 3200. Else give 5% discount and display the details.
- Q.2**      Viva + Journal      **5**

\*\*\*\*\*

**2411000902020022-D**  
**EXAMINATION APRIL - 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -205) CRDMS**

[Time: Two Hours]

[Max. Marks: 25]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a) Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
- b) Name of the Subject : **BCA (PRACTICAL -205) CRDMS**
- c) Subject Code No : **2411000902020022-D**

- 2. Sketch neat and labelled diagram wherever necessary.
- 3. Figures to the right indicate full marks of the question.
- 4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

- Q.1**      [A]      Create following tables with appropriate constraints and primary key. Insert at least 10 records in each table.      **10**
- Doctormaster(doct\_id, name, address, specialization)  
Patientmaster(Pat\_id, pat\_name, DOB, address, Phoneno, doct\_id)
- [B]      Write a PL/SQL block to display patient information if available. If patient information is not available then print appropriate message.      **10**
- Q.2**      Viva + Journal      **5**

\*\*\*\*\*

**2411000902020022-E**  
**EXAMINATION APRIL 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -205) CRDMS**

[Time: Two Hours]

[Max. Marks: 25]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a) Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
- b) Name of the Subject : **BCA (PRACTICAL -205) CRDMS**
- c) Subject Code No : **2411000902020022-E**

- 2. Sketch neat and labelled diagram wherever necessary.
- 3. Figures to the right indicate full marks of the question.
- 4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

**Q.1** [A] Create following tables with appropriate constraints and primary key. **10**

Insert at least 10 records in each table.

Stud\_Member (Rollno, FirstName, MiddleName, LastName, DeptID,  
Semester, ContactNo, Gender)

Department(DeptID, DeptName)

[B] Write a PL/SQL block to Display total number of female student in each department **10**

**Q.2** Viva + Journal **5**

\*\*\*\*\*

**2411000902020022-F**  
**EXAMINATION APRIL - 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL)**  
**(SECOND SEMESTER)**  
**BCA (PRACTICAL -205) CRDMS**

[Time: 2 Hours]

[Max. Marks: 25]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a) Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (PRACTICAL) (SECOND SEMESTER)**
  - b) Name of the Subject : **BCA (PRACTICAL -205) CRDMS**
  - c) Subject Code No : **2411000902020022-F**
2. Sketch neat and labelled diagram wherever necessary.
  3. Figures to the right indicate full marks of the question.
  4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

- Q.1**      [A]      Create the two tables as shown below with the given constraints and      **10**  
Insert 5 records in each table.  
Table name:  
Employee (Eid, Ename, DeptId, Designation, Salary,  
Date\_of\_joining)  
Department(DeptId, Dname)  
Constraints in Employee table: Eid is Primary key and DeptId is  
foreign key  
Salary should not be less than 10000  
Constraints in Department table: DeptId Primary key and Dname is  
NOT NULL
- [B]      Write a PL/SQL block to Display all the employee details along      **10**  
with their work experience in the company till current date.
- Q.2**      Viva + Journal      **5**

\*\*\*\*\*

**2411000902010011**  
**EXAMINATION MARCH 2024**  
**BACHELOR OF COMPUTER APPLICATIONS**  
**(NCP-NEP) (SECOND SEMESTER)**  
**MAJOR-1-PROGRAMMING SKILLS (TH)**

[Time: 2:30 Hours]

[Max. Marks: 50]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (NCP-NEP) (SECOND SEMESTER)**
  - b. Name of the Subject : **MAJOR-1-PROGRAMMING SKILLS (TH)**
  - c. Subject Code No : **2411000902010011**
2. Sketch neat and labelled diagram wherever necessary.
  3. Figures to the right indicate full marks of the question.
  4. All questions are compulsory.
  5. Mention your options clearly.

Seat No:

--	--	--	--	--	--

Student's Signature

**Q.1 Choose The Correct Option For Given Question**

**10**

1. What is structure?  
A) It is user define data type.                      B) It is known as variable  
C) It is derived data type                              D) None of the above
  
2. The 1st sub-script of 2D array is known as \_\_\_\_\_  
A) Row                                                      B) Column  
C) object                                                    D) total size of array
  
3. An Interpreter directly executes instructions \_\_\_\_\_  
A) whole code at once                                B) line by line  
C) functions at priority                                D) global variable at priority
  
4. else can be used with \_\_\_\_\_  
A) if                                                        B) for  
C) while                                                    D) all of the above
  
5. Which of the following is not a valid keyword of Python associated with loops?  
A) Check                                                 B) Continue  
C) Range                                                 D) Break





5. What is the syntax of User-defined exceptions?
  - A. DECLARE my-exception EXCEPTION;
  - B. DECLARE EXCEPTION;
  - C. DECLARE my-exception;
  - D. EXCEPTION
  
6. LAST\_DAY function returns the last date of the month of specified date.
  - A. True
  - B. False
  
7. Which of the following statements can be used to terminate a PL/SQL loop?
  - A. GOTO
  - B. EXIT WHEN
  - C. CONTINUE WHEN
  - D. KILL
  
8. Which of the following is NOT an attribute of implicit cursor?
  - A. %FOUND
  - B. %TOO\_MANY\_ROWS
  - C. %ROWCOUNT
  - D. %ISOPEN
  
9. Which of the following is not a valid aggregate function?
  - A. COUNT
  - B. COMPUTE
  - C. SUM
  - D. MAX
  
10. What operator tests column for absence of data?
  - A. NOT Operator
  - B. Exists Operator
  - C. IS NULL Operator
  - D. LIKE Operator

**Q.2 Answer in detail (Any Two)**

**14**

- A. List out Codd's Rule. Explain any four in details.
- B. What is Exception? Discuss custom Exception in detail.
- C. What is cursor? Explain types of cursors with example.
- D. Explain For...Loop by giving suitable example.

**Q.3 Answer in detail (Any Two)**

**14**

- A. Write a PLSQL code to find whether the input number is palindrome or not.
- B. Explain TO\_CHAR, ROUND, SYSDATE, ADD\_MONTHS, TRUNC Functions with Example.
- C. Explain Grant and Revoke statement in detail.

D. Explain Union, Intersect and Minus clause with Example in Relational Algebra.

**Q.4 Attempt Any Three**

**12**

Consider the relation Student (ROLLNO, SNAME, AGE, COURSE).

- A. Write a PL/SQL block to add two Numbers.
- B. Demonstrate how to remove duplicate records from a table.
- C. Write a PL/SQL block to display all the records from student table using for cursor loop.
- D. Write a PL/SQL block to raise an exception while updating the data if no record found.
- E. Write a PL/SQL block to display data using cursor for students fall in Age more than 20 years old.

\*\*\*\*\*

**2411000902030001**  
**EXAMINATION MARCH 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (NCP-NEP)**  
**(SECOND SEMESTER)**  
**MINOR-OPERATING SYSTEM**

[Time: Two Hours]

[Max. Marks: 50]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (NCP-NEP) (SECOND SEMESTER)**
  - b. Name of the Subject : **MINOR-OPERATING SYSTEM**
  - c. Subject Code No : **2411000902030001**
2. Sketch neat and labelled diagram wherever necessary.
  3. Figures to the right indicate full marks of the question.
  4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

**Q.1 Choose the correct option.**

**10**

- 1) The primary function of an operating system is-
  - a. Memory Management
  - b. Process Management
  - c. Disks and I/O device Management
  - d. All of Above
- 2) Which of the following operating system runs on the server?
  - a. Batch OS
  - b. Distributed OS
  - c. Real-time OS
  - d. Network OS
- 3) Which method is the best among file allocation methods?
  - a. Linked
  - b. Contiguous
  - c. Indexed
  - d. None of above
- 4) In the context of I/O operations, what does DMA stand for?
  - a. Direct Memory Allocation
  - b. Dual Memory Access
  - c. Direct Memory Access
  - d. Dynamic Memory Allocation
- 5) Linux operating system is a \_\_\_\_\_
  - a. Time Sharing Operating System
  - b. Multi-user Operating System
  - c. Multi-tasking Operating System
  - d. All of Above
- 6) Who is the founder of Linux Kernel?
  - a. Ken Thompson and Dennis Ritchie
  - b. Linus Torvalds
  - c. Ken Thompson
  - d. Richard Stallman

- 7) In a single-user operating system, how many users can interact with the system simultaneously?
- Only One
  - Two
  - Multiple
  - Depends on the hardware configuration
- 8) SSTF stands for \_\_\_\_\_.
- Shortest Signal Time First
  - Shortest Seek Time First
  - System Seek Time First
  - System Signal Time First
- 9) Disk Scheduling includes deciding –
- which should be accessed next
  - order in which disk access requests must be serviced
  - The physical location of the file
  - The logical location of the file
- 10) In Linux, what is a package manager used for?
- Managing user account
  - Installing and managing software packages
  - Configuring network services
  - Monitoring system performance

**Q.2 Answer the following questions: (Any Two) 14**

- What is File? Explain File attributes in detail.
- Explain Spooling. Explain its working with necessary diagram.
- Explain Single-level, 2-level, Tree level Directory Structure.
- Explain Linux history and its Components.

**Q.3 Answer the following questions: (Any Two) 14**

- What is File? Explain different File operations.
- Explain comparison of Windows OS and Linux OS.
- Explain Device Management Functions.
- Explain functions of operating system.

**Q.4 Do as Directed: 12**

(A) Suppose a disk drive has 200 cylinders numbered from 0 to 199. Drive is currently serving the request at cylinder no 50. The queue for pending request in FIFO order is as follows:

176, 72, 34, 60, 92, 11, 41, 114, 51, 12, 80, 120

Show the Seek Time and Average Seek Time for the following Disk Scheduling algorithm

- FCFS
- SSTF
- C-SCAN

**OR**

A) Explain File Security and Protection. **6**

B) Explain steps for installation of Linux. **6**

\*\*\*\*\*

**2411000902040001**  
**EXAMINATION MARCH 2024**  
**BACHELOR OF COMPUTER APPLICATIONS**  
**(NCP-NEP) (SECOND SEMESTER)**  
**MDC-COMPUTERIZED FINANCIAL ACCOUNTING**

[Time: 2:30 Hours]

[Max. Marks: 50]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (NCP-NEP) (SECOND SEMESTER)**
  - b. Name of the Subject : **MDC-COMPUTERIZED FINANCIAL ACCOUNTING**
  - c. Subject Code No : **2411000902040001**
2. Sketch neat and labelled diagram wherever necessary.  
3. Figures to the right indicate full marks of the question.  
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

**Q.1 Answer Any 7**

**14**

1. What do you mean by Drawings?
2. Explain Cost Concept
3. Give the meaning of "ledger".
4. What are liabilities? Give example.
5. What is trade and cash discount?
6. Classify the following into Current Assets and Fixed Assets:  
Vehicles; Cash; Debtors; Computer
7. Give 2 advantage of double entry system.
8. What is Bad Debt?
9. State whether following are Real, personal or nominal a/c and state the reason
  - a) M/s J & sons
  - b) Electricity Bill A/c

**Q.2** Prepare subsidiary books of Sales, Sales return, Purchase and Purchase return  
2023 Dec **12**

- 2 Purchased goods from Kaustubh at a trade discount of 20% of Rs. 10,000.
- 5 Half of the goods purchased from Kaustubh are sold to Gautam at a profit of 20%.
- 6 Purchased furniture from Abhilash on credit Rs. 300 and defective furniture of Rs. 100 was returned.
- 7 Gautam returned defective goods at Rs. 240 which were returned to Kapil.
- 8 Purchased goods of Rs. 2,000 from Gaurishankar at 20% trade discount. Paid half the amount in Cash.
10. Sold to Deepak goods for Cash Rs. 300.
12. Mayank placed an order to supply goods Rs. 1,000.
17. Sent goods to Mayank as per his order and paid Rs. 10 for carriage

**OR**

**Q.2** Write out the following transactions in the Triple column cash book: March 2023 **12**

1. Cash in hand Rs.1500 and balance at bank Rs.18500.
2. Received from Salman Rs.590 and allowed him discount Rs.10.
3. Paid salaries for the month of February Rs.200.
4. Purchased merchandise payment made by cheque Rs.3200.
8. Paid Bilal & co by cheque Rs.800 discount received Rs.20.
10. Withdrew from bank for office use Rs.400. paid rent in cash Rs.300.
14. Deposited into bank Rs.500.
15. Cash sales Rs.2460.
18. Purchased a motor car for Rs.6500 payment made by cheque.
23. Received a cheque from Salman for Rs.391 discount Rs.9.
25. Paid wages Rs.350.
28. Salman cheque paid into bank.
29. Paid general expenses Rs.360.
31. Bank informed that Salman's cheque has been dishonored.
31. Cash sales Rs.6440

**Q.3** From the following transactions pass necessary journal entries in the books of Vishal  
for the month of October 2023. **12**

October 23

- 1 Started business by bringing in cash Rs. 50000
- 5 Purchased goods worth Rs. 40000
- 6 Sold goods on credit to Hasti for Rs. 10000 on credit
- 10 Paid Office expense Rs. 2000
- 16 Purchased goods on credit from Amit for Rs. 5000

- 17 Received order of Rs. 12000 from Hetal
- 20 Paid electricity bill of Rs. 2500 by cheque
- 21 Hasti made payment in full settlement
- 23 Supplied goods to Aishwarya on credit as per order
- 24 Paid advertisement expense of Rs. 400
- 25 Paid Rs. 4900 to Amit for previous settlement in full
- 26 Goods worth Rs. 1000 were destroyed due to fire
- 29 Purchased by cheque a machine worth Rs. 15000 from Abhishek Enterprise
- 30 aid travelling expenses Rs. 500 to Hem

**OR**

**Q.3** Prepare Petty cash book in the books for M/s ABC for the month of March 2023. **12**

March

1. Received from cashier Rs. 4000 by cheque	200
4. Stationery	200
Travelling Expenses	250
7. Repairs	100
Octroi	350
9. Stationery	150
Railway Freight	100
10. Refreshment	200
Newspaper Subscription	200
15. Refreshment	200
Travelling Expenses	250

**Q.4** Write short notes on (Any Two) **12**

1. Going Concern Concept
2. Functions of financial Accounting
3. Advantages of Double entry system

\*\*\*\*\*

**2411000902040002**  
**EXAMINATION MARCH 2024**  
**BACHELOR OF COMPUTER APPLICATIONS**  
**(NCP-NEP) (SECOND SEMESTER)**  
**MDC-ORGANIZATIONAL STRUCTURE & BEHAVIOUR**

[Time: 2:30 Hours]

[Max. Marks: 50]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination : **BACHELOR OF COMPUTER APPLICATIONS (NCP-NEP) (SECOND SEMESTER)**
- b. Name of the Subject : **MDC-ORGANIZATIONAL STRUCTURE & BEHAVIOUR**
- c. Subject Code No : **2411000902040002**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

**Q.1 Answer in Brief. (Any Seven)**

**14**

1. Define organisation
2. Define management
3. Explain how attitudes are formed.
4. Identify the reason for employee job dissatisfaction
5. How motivation is different from incentives?
6. How will you as a manager motivate a person?
7. What is leadership?
8. How leadership is different from management?

**Q.2 Answer the following questions in detail. (Any Two) 12**

1. What makes an organisation important?
2. Explain interpersonal role of manager in detail.
3. Explain technical skills of manager in detail.

**Q.3 Answer the following questions in detail. (Any Two) 12**

1. What are the characteristic of leadership?
2. Explain autocratic leadership style in detail.
3. Explain technical skills of leadership in detail.

**Q.4 Write short notes. (Any Two) 12**

1. Characteristics of attitude
2. Characteristics of motivation
3. B.P.O.

\*\*\*\*\*

2411000902070001

Examination April-May - 2024

Bachelor of Computer Applications (NCP-NEP)

(Second Semester)

VAC-Value Education in Bharatiya Knowledge System

[Time: As Per Schedule]

[Max. Marks: 25]

**Instructions:**

1. નીચે દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

**Fill up strictly the following details on your answer book**

- a. Name of the examination : **B.C.A. (Sem. II)**  
b. Name of the Subject : **VAC-Value Education in Bharatiya Knowledge System**  
c. Subject Code No : **2411000902070001**
2. Sketch neat and labelled diagram wherever necessary  
3. Figures to the right indicate full marks of the question.  
4. All questions are compulsory.

Seat No:

--	--	--	--	--	--

Student's Signature

પ્ર.૧. (અ) 8 – MCQ (દરેકનો ૧ માર્કસ) (૮ માંથી કોઈ પણ ૬)

(06)

Q.1. (A) 8 – MCQ (1 Mark each) (Any 6 out of 8)

1. આખરે બ્રાહ્મણે બકરી સાથે શું કર્યું?

What did the Brahmin eventually do with the goat?

(A) બલિદાન આપ્યું

Sacrificed it

(B) તે પોતે ખાધું

Ate it himself

(C) તેને રસ્તા પર છોડી દીધો અને ઘરે ભાગી ગયો

Left it on the road and ran home

(D) તેને બદમાશ સાથે વહેંચી લીધી

Shared it with the crooks

2. “બ્રાહ્મણ અને તારા” વાર્તાની નૈતિકતા શું છે?

What is the moral of the story “The Brahmin and the Crooks”:

(A) માણસનો સાચો સ્વભાવ લાંબા સમય સુધી છુપાવી શકાતો નથી

The true nature of a man cannot be hidden for long

(B) સત્ય હંમેશા અસત્ય કરતાં હોય છે

The truth is always than a lie

(C) પ્રાણીઓ પણ સ્વચ્છતાને મહત્વ આપે છે

Even animals value cleanliness

(D) વારંવાર બોલવામાં આવેલું અસત્ય સત્ય જણાય છે

Untruth spoken repeatedly appears to be truth

3. ચમત્કારિક ઘટનાના સાક્ષી બન્યા પછી રાજાએ શું નક્કી કર્યું?

What did the king decide after witnessing the miraculous event?

(A) તેણે છોકરાને પોતાના પુત્ર તરીકે સ્વીકાર્યો.

He acknowledged the boy as his son.

(B) તેણે લાકડા એકત્ર કરતી સ્ત્રીને અને છોકરાને દેશ નિકાલ કર્યો.

He banished the firewood woman and the boy.

(C) તેણે ઘટનાની અવગણના કરી અને શાસન ચાલુ રાખ્યું.

He ignored the incident and continued ruling.

(D) તેણે છોકરાને જાદુગર જાહેર કર્યો અને તેને કેદ કરવાનો આદેશ આપ્યો.

He declared the boy as a magician and ordered his imprisonment.

4. પરિપક્વ ક્રાઉન પ્રિન્સે દરેક માટે આદરના મહત્વ પર ભાર મૂકવા માટે શું કર્યું?

What did the mature crown prince do to emphasize the importance of respect for everyone?

(A) તેણે ભવ્ય મહેલ બનાવવાનો આદેશ આપ્યો.

He ordered the construction of a grand palace.

(B) તેણે તેનું સત્તાવાર શીર્ષક બદલીને "કિંગનો-ફાધર" કર્યું.

He changed his official title to "King No-father."

(C) તે સમગ્ર રાજ્યમાં સદભાવના પ્રવાસ પર ગયો.

He went on a goodwill tour across the kingdom.

(D) તેમણે અનાદર સામે કડક કાયદાઓ લાદ્યા.

He imposed strict laws against disrespect.

5. શિયાળનું શરીર વાદળી રંગમાં કેવી રીતે રંગાઈ ગયું?

How did the jackal's body get dyed in blue color?

(A) તે નદીમાં પડી

It fell into a river

(B) તે કાદવના ખાબોચિયામાં વળેલું હતું

It rolled in a mud puddle

(C) તે વાદળી રંગના પીપમાં ફટી ગયો

It jumped into a vat of blue dye

(D) તે પોતાને વાદળી રંગ થી દોરે છે

- It painted itself with blue paint
6. શા માટે બ્રાહ્મણ નજીકના ગામમાં ગયો?
- Why did the Brahmin visit a nearby village?
- (A) ક્રિયાણા ખરીદવા માટે  
To buy groceries
- (B) બલિદાન માટે બકરીની વિનંતી કરવી  
To request a goat for sacrifice
- (C) મિત્રને મળવા માટે  
To meet a friend
- (D) ચોમાસાથી બચવા માટે  
To escape the monsoon
7. વાર્તાની નૈતિકતા શું છે?
- What is the moral of the story?
- (A) જ્ઞાન પ્રયત્ન વિના આવે છે  
Enlightenment comes without effort
- (B) એકલા ગુરુજ શિષ્યના પ્રયત્નો વિના પરિવર્તન કરી શકે છે  
The Master alone can transform without disciple's effort
- (C) શિષ્ય એ પરિવર્તન માટે પ્રથમ પગલું ભરવું જોઈએ  
The disciple must take the first step for transformation
- (D) જ્ઞાન માત્ર બુદ્ધિ ધરાવતા લોકો માટે જ છે  
Enlightenment is only for those with intelligence
8. ઉદ્દાલકા એ શ્વેતકેતુને યોગ્ય દિશામાં માર્ગદર્શન આપવા માટે શું સૂચવ્યું?
- What did Uddalaka suggest to guide Shvetaketu in the right direction?
- (A) તેને તીર્થયાત્રા પર મોકલો  
Send him on a pilgrimage
- (B) તેને લગ્ન કરવા પ્રોત્સાહિત કરો  
Encourage him to marry
- (C) જાણકાર ગુરુની નીચે અભ્યાસ કરો  
Study under a knowledgeable guru
- (D) સખત શારીરિક વ્યાયામમાં વ્યસ્ત રહો  
Engage in rigorous physical exercises

પ્ર.૧. (બ) ટૂંકનોંધ લખો (૨ માંથી કોઈ પણ ૧) (04)

Q.1. (B) Write a short note (Any 1 out of 2)

1. સ્વાધ્યાય

self-observation

2. અહિંસા

Non-violence

પ્ર.૨. (અ) સવિસ્તાર પ્રશ્ન (૨ માંથી કોઈ પણ ૧) (09)

Q.2. (A) Answer in Detail (Any 1 out of 2)

1. `બ્રાહ્મણ અને ત્રણ ધુતારા' વાર્તા માં બ્રાહ્મણ નું પાત્રાલેખન કરો.

Describe the Brahmin in the story ``Brahman and Three Crooks".

2. સત્યકામના પાત્રમાં રહેલી સત્યતા, સરળતા, નિખાલસતા અને

સહજતાથી નોંધ લખો

Write a detailed note on the truthfulness, simplicity, openness in the character of Satyakama

પ્ર.૨. (બ) સુભાષિત સમજાવો (૪ માંથી કોઈ પણ ૨) (06)

Q.2. (B) Explain Subhashit (Any 2 out of 4)

1. અપિ સ્વર્ણમયી લંકા ન મે લક્ષ્મણ રોચતે।

जननी जन्मभूमिश्च स्वर्गादपि गरीयसी॥

2. અયં નિજઃ પરો વૈતિ ગણના લઘુ ચેતસામ્।

उदारचरितानां तु वसुधैव कुटुम्बकम्॥

3. ઉદયમેન હિ સિધ્યન્તિ કાર્યાણિ ન મનોરથૈઃ।

न हि सुप्तस्य सिंहस्य प्रविशन्ति मुखे मृगाः॥

4. કઃ કાલઃકાનિ મિત્રાણિ કો દેશઃ કૌ વ્યયાગમૌ।

कस्याहं का च मे शक्ति-इतिचिन्त्यं मुहुर्मुहुः॥