

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

[Time: As Per Schedule]

[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:

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Student's Signature

**Q.1 Answer any 7**

14

1. What are assets. Give 2 examples
2. What is difference between cash and credit transactions?
3. What are liabilities? Give example.
4. What is trade and cash discount?
5. Why is Trial Balance prepared?
6. Give 2 advantage of double entry system.
7. What is Bad Debt?
8. Give 2 fold effects of following transactions and its effect on Balance Sheet Total
  - (i) Made an order to supply goods of Rs. 10,000 to Dolat
  - (ii) Purchased machinery Rs. 50,000.
9. State whether following are Real, personal or nominal a/c and state the reason

a) Surat Municipal Corporation

b) Sales A/c

Q.2 Give Journal entries for the following in the books of Anna: 12

**September**

1. Started business with cash Rs. 15,000 and goods Rs. 10,000 and debtors Rs. 5000
2. Bought goods of 5000 from Prashant & Co. at a TD of 10%
3. Sold goods to Sonia Rs. 7000.
4. Paid salary to Jignesh Rs. 2500.
5. Cash withdrawn from bank for personal use 3000.
6. Last year Rs. 10,000 was due from Milan. But he became insolvent and amount is written off as Bad debt.
7. Goods of 1000 were distributed as free samples
8. Borrowed loan of 25000 from Ayushi at 10% p.a.
9. Paid interest to Ayush on her loan for 1 year.
10. Paid electricity bill of office for Rs. 2500
11. Bought goods from Avni Rs. 20,000 at 10% TD and 5% CD. The amount was paid by cheque.

OR

Give Journal entries in the books of Santosh for the month of March: 12

**March**

1. Started business with cash Rs. 25000, machinery Rs. 100,000 and goods Rs. 25000.
2. Took a loan from Kejriwal Rs. 10,000 at 10% interest p.a.
8. Sold goods to N. Modi Rs. 5000 and paid Rs. 100 carriages on his behalf.
9. Goods of Rs. 500 were distributed as free samples.
11. Bought goods from Anna Hazare Rs. 20,000 at 10% TD and 5% CD. The amount was paid by cheque
12. Goods purchased from Anna Hazare was sold to Rnhul Gandhi at 20% profit.
15. Paid rent for the month Rs. 5000
17. Paid salary Rs. 5000 by cash.
25. Purchased stationery Rs. 500

Q.3 Prepare Petty cash book in the books for M/s Deluxe for the month of March 2021. 12

**March**

- |   |     |
|---|-----|
| 1. Received from cashier Rs. 4000 by cheque |     |
| 4. Refreshment                              | 250 |
| Travelling Expenses                         | 200 |

7. Stationery	100
Octroi	350
9. Repairs	150
Railway Freight	100
10. Stationery	200
Newspaper Subscription	200
15. Refreshment	200
Travelling Expenses	250

OR

Prepare 3 columnar cash book in the books of Bharat for the month of October 2020. 12

**October**

1. Cash on hand Rs. 4500 and bank balance Rs. 2500
2. Paid petty cashier Rs. 1000 by cheque.
3. Goods of Rs. 2000 was purchased from Pathik at 10% trade discount and 5% cash discount for cash
4. Cash sales Rs. 1500 and cash purchase Rs. 300
5. Creditor Mr. Pratixa was paid Rs. 500 at a cash discount of 2% by cheque.
6. Paid salary to clerk Rs. 150 by cash and Daughters fees Rs. 2200 by cheque.
7. Withdrew from bank Rs. 200 for office use and Rs. 500 for personal use.
8. A cheque of Rs. 1000 was received from Dinesh which was deposited in bank.
9. Cheque of Dinesh is dishonored and he gave cheque in return.
10. Cash paid to Mr. Nirav Rs. 3000

Q.4 Write short notes on any 2: 12

1. Money measurement concept
2. Advantages of Cash book
3. Trial balance and its uses
4. Trial Balance
5. Branches of Accounting

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

[Time: As Per Schedule]

[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:

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Student's Signature

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

14

1. Why a manager requires knowledge of organisational behaviour?
2. Differentiate management and administration
3. How can you measure attitude?
4. Do you think it is possible to change attitude? Justify
5. How promotion is related to motivation?
6. "Motivated person will perform well" Justify.
7. Can leader motivate employees?
8. Do leader have followers? Justify.

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

12

1. What is the purpose of organisational structure?
2. Explain informational role of manager in detail.
3. Explain human skills of manager in detail.

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

**12**

1. Explain democratic leadership style in detail.
2. Explain free rain leadership style in detail.
3. Explain conceptual skills of leadership in detail.

**Q.4 Write short notes. (Any two)**

**12**

1. Importance of motivation.
2. Benefits of motivation
3. Out sourcing

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- 6) Who is the founder of Linux Kernel?  
 a. Ken Thompson and Dennis Ritchie      b. Linus Torvalds  
 c. Ken Thompson                                d. Richard Stallman
- 7) Which of the following file systems is supported by the windows OS?  
 a. NTFS    b. FAT32  
 c. ExFAT    d. All of above
- 8) SSTF stands for \_\_\_\_\_.  
 a. Shortest Signal Time First                b. Shortest Seek Time First  
 c. System Seek Time First                  d. System Signal Time First
- 9) Disk Scheduling includes deciding –  
 a. which should be accessed next  
 b. order in which disk access requests must be serviced  
 c. The physical location of the file  
 d. The logical location of the file
- 10) An absolute file path name begins at the \_\_\_\_\_.  
 a. leaf    b. stem  
 c. current directory                          d. root

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

1. What is Operating System? Explain elements of operating system.
2. Explain Spooling. Explain its working with necessary diagram.
3. Explain Directory Structure of operating system.
4. Explain Linux history and its Components.

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

1. What is File? Explain different File access methods.
2. Explain comparison of Windows OS and Linux OS.
3. Explain Device Management Functions.
4. 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 68. The queue for pending request in FIFO order is as follows:  
 22, 40, 26, 127, 140, 175, 43, 88, 62, 131, 112, 91  
 Show the disk scheduling for the following algorithm  
 1) FCFS    2) SSTF    3) C-SCAN

**OR**

- A) Explain File Security and Protection. 6  
 B) Explain System Config Services of Linux. 6

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

[Time: As Per Schedule]

[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.

Seat No:

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Student's Signature

• **Q.1 Answer the following objective**

**10**

1. Is Python code compiled or interpreted?
  - a) Python code is both compiled and interpreted
  - b) Python code is neither compiled nor interpreted
  - c) Python code is only compiled
  - d) Python code is only interpreted
2. Which keyword is used for function in Python language?
  - a) Function    b) def    c) Fun    d) Define
3. Which keyword is used to transfer control from a function back to the calling function?
  - a) Switch    b) break    c) goto    d) return
4. A function which calls itself is called a-----function.
  - a) Self Function    b) Auto Function
  - c) Recursive Function    d) Static Function
5. Which of the following character is used to give single-line comments in Python?
  - a) //    b) #    c) !    d) /\*
6. Python is a case sensitive language True or False?
  - a) True    b) False

7. A union cannot be nested in a structure.  
a) True    b) False
8. What is the size of a C structure?  
a) C structure is always 128 bytes  
b) Size of C structure is the total bytes of all elements of structure  
c) Size of C structure is the size of largest elements  
d) None of the above
9. Which of the following is a Python tuple?  
a) {1, 2, 3}    b) {}    c) [1, 2, 3]    d) (1, 2, 3)
10. Which of the following is the correct extension of the Python file?  
a) .python    b) .pl    c) .py    d) .p

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

**14**

1. What is the structure? Explain with proper Example.
2. Define a function. List and explain the categories of user defined functions.
3. What is 2D character array? Write different ways to initialize 2D character array in C.
4. What is String? Explain methods of string in python.

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

**14**

1. Explain Structure of Python Programming language.
2. List all operators in Python and explain identity and member operators.
3. Explain the different ways to pass arguments to user defined function in python.
4. What is list in python? Explain any 6 list methods in python.

**Q.4 Do as directed. (Any Three)**

**12**

1. Explain any three numpy methods in python.
2. What is tuple? Explain methods of sets in detail?
3. List out Python data types. Explain Typecasting in python.
4. Explain conditional statements in python.
5. What are actual parameters and formal parameters? Illustrate with example

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**2411000902070001**  
**EXAMINATION OCT-NOV - 2024**  
**BACHELOR OF COMPUTER APPLICATIONS (NCP-NEP)**  
**(SECOND SEMESTER)**  
**VAC-VALUE EDUCATION IN BHARATIYA**  
**KNOWLEDGE SYSTEM**

[Time: As Per Schedule]

**Instructions:**

1. नीचे दशदिव विगती उत्तरवडी पर अवश्य लभवी.  
Fill up strictly the following details on your answer book
  - a. Name of the examination : BCA (NCP-NEP) (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.

[Max. Marks: 25]

Seat No:

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Student's Signature

**English Version**

[Max. Marks: 25]

- Q.1.** 7 – MCQ (2 Marks each) (Any 5 out of 7) (10)
1. How did the king come to know about the horse's refusal to be bathed?
    - (A) The groomers informed the king.
    - (B) The horse sent a message to the king.
    - (C) The minister noticed the horse's behavior and reported it to the king.
    - (D) The king observed the horse himself.
  2. How did the young boy respond to the challenge posed by his mother?
    - (A) He failed to meet the challenge.
    - (B) He started crying and ran away.
    - (C) He levitated in the air without falling.
    - (D) He refused to participate in the challenge.
  3. Who was the father of Shvetaketu?
    - (A) Gautama
    - (B) Uddalaka
    - (C) Agastya
    - (D) Vishvamita

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4. What became a reality for Satyakama at the moment the Master declared those words?
  - (A) Becoming a wealthy landowner
  - (B) Losing his identity
  - (C) Gaining fame in the forest
  - (D) Living a mundane life
5. How many crooks are there in the story?
  - (A) Two
  - (B) Three
  - (C) Four
  - (D) None of the above
6. How did the animals react when they discovered the blue jackal's true identity?
  - (A) They celebrated his honesty
  - (B) They decided to punish him
  - (C) They felt sorry for him
  - (D) They ignored the revelation
7. What did the mature crown prince do to emphasize the importance of respect for everyone?
  - (A) He ordered the construction of a grand palace.
  - (B) He changed his official title to "King No-father."
  - (C) He went on a goodwill tour across the kingdom.
  - (D) He imposed strict laws against disrespect.

**Q.2. Write Following Answers (15)**

**Q.2. (a) Write a short note (Any 1 out of 2) (05)**

1. Abstinence from theft
2. Austerity

**Q.2. (b) Answer in Detail (Any 1 out of 2) (05)**

1. "Humans with great intelligence and excellent science can defeat enemies who are more intelligent than themselves". Discuss the above statement with reference to The Brahmin and the Crooks'
2. Write a note on the social life as depicted in the stories of the Panchatantra.

Q.2. (c) Explain Subhashit (Any 1 out of 2)

(05)

1. कुलस्यार्थं त्यजेदेकम् ग्रामस्यार्थं कुलं त्यज्येत्।  
ग्रामं जनपदस्यार्थं आत्मार्थं पृथिवीं त्यजेत्॥
2. नमन्ति फलिनो वृक्षाः, नमन्ति गुणिनो जनाः।  
शुष्कं काष्ठं मूर्खं, न नमन्ति कदाचन॥

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Gujarati Version

[Max. Marks: 25]

પ્ર.૧. 7-MCQ (દરેકનો ૨ માર્ક્સ) (૭ માંથી કોઈ પણ ૫)

(10)

1. રાજાને કેવી રીતે ખબર પડી કે ઘોડા એ સ્નાન કરવાનો ઇનકાર કર્યો?  
(A) માવજત કરનારાઓ એ રાજાને જાણકરી.  
(B) ઘોડા એ રાજાને સંદેશો મોકલ્યો.  
(C) મંત્રી એ ઘોડાની વર્તણૂક જોઈ અને રાજાને તેની જાણકરી.  
(D) રાજા એ પોતે ઘોડાનું નિરીક્ષણ કર્યું
2. યુવાન છોકરા એ તેની માતા દ્વારા ઉઠાવવામાં આવેલા પડકારનો કેવો પ્રતિભાવ આપ્યો?  
(A) તે પડકાર ઝીલવામાં નિષ્ફળ ગયો  
(B) તે રડવા લાગ્યો અને ભાગી ગયો.  
(C) તે પડ્યા વિના હવામાં ઉછળ્યો.  
(D) તેણે ચેલેન્જમાં ભાગ લેવાની ના પાડી.

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3. શ્વેતકેતુના પિતા કોણ હતા?
- (A) ગૌતમ (B) ઉદાલક  
(C) અગસ્ત્ય (D) વિદ્યામિત્ર
4. ગુરુએ તે શબ્દો જાહેર કર્યા તે ક્ષણે સત્યકામ માટે શું વાસ્તવિકતા બની?
- (A) શ્રીમંત જમીન માલિક બનવું  
(B) તેની ઓળખ ગુમાવવી  
(C) જંગલમાં ખ્યાતિ મેળવવી  
(D) સાંસારિક જીવન જીવવું
5. વાર્તામાં કેટલા ધુતારા છે?
- (A) બે (B) ત્રણ  
(C) ચાર (D) ઉપરોક્તમાંથી કોઈ નહીં
6. જ્યારે પ્રાણીઓને વાદળી શિયાળની સારી ઓળખ મળી ત્યારે તેઓ એ કેવી પ્રતિક્રિયા આપી?
- (A) તેઓ એ તેમની પ્રામાણિકતાની ઉજવણી કરી  
(B) તેઓ એ તેને સજા કરવાનું નક્કી કર્યું  
(C) તેઓને તેના માટે દિલગીરી થઈ  
(D) તેઓ એ સાક્ષાત્કારની અવગણના કરી
7. પરિપક્વ કાઉન પ્રિન્સે દરેક માટે આદરના મહત્વ પર ભાર મૂકવા માટે શું કર્યું?
- (A) તેણે ભવ્ય મહેલ બનાવવાનો આદેશ આપ્યો.  
(B) તેણે તેનું સત્તાવાર શીષક બદલીને "કિંગનો-ફાધર" કર્યું.  
(C) તે સમગ્ર રાજ્યમાં સદભાવના પ્રવાસ પર ગયો.  
(D) તેમણે અનાદર સામે 555 કાયદાઓ લાદ્યા.

- પ્ર.ર. નીચેના જવાબો લખો (15)
- પ્ર.ર. (અ) ટૂંકનોંધ લખો (૨ માંથી કોઈ પણ ૧) (05)
1. અસ્તેય  
2. તપ
- પ્ર.ર. (બ) સવિસ્તાર પ્રશ્ન (૨ માંથી કોઈ પણ ૧) (05)
1. ઉત્તમ બુદ્ધિવાળા અને ઉત્તમ વિજ્ઞાનવાળા મનુષ્ય પોતાનાથી વધુ બુદ્ધિશાળી શત્રુઓને પણ પરાજિત કરી શકે છે. ઉપરોક્ત વિધાનની ચર્ચા ત્રણ ધુતારા અને બ્રાહ્મણ' ના સંદર્ભમાં કરો.  
2. પંચતંત્ર ની વાર્તાઓમાં પ્રગટ થતા સમાજચિત્ર વિશે નોંધ લખો.
- પ્ર.ર. (ક) સુભાષિત સમજાવો (૨ માંથી કોઈ પણ ૧) (05)
1. કુલસ્યાર્યે ત્યજેદેકમ્ ગ્રામ્સ્યાર્યે કુલંત્યજ્જયેત્।  
ગ્રામં જનપદસ્યાર્યે આત્માર્યે પૃથિવીં ત્યજેત્॥  
2. નમન્તિ ફલિનો યુક્તાઃ, નમન્તિ ગુણિનો જનાઃ।  
શુષ્ક કાષ્ઠશ્ચ મૂર્ધશ્ચ, ન જનન્તિ કદાચન્ ॥

\*\*\*\*\* END \*\*\*\*\*