

April-24-03-3021

UG Computer Application Certificate Course Semester -II (NEP) Examination  
Course Implemented From June-2023

April.-2024

Advance Programing Language 'C' – MS23MJDSCBCA-201

Total Marks : 50

Time : 2 Hours

- Que. 1 Answer the following. (Any Two) 10
1. Explain Recursion with Example
  2. Explain Any Two Categories of function with Example
  3. Write a program to find factorial using UDF
- Que. 2 Answer the following. (Any Two) 10
1. Explain How to define and Using of structure with example
  2. Explain Structure within structure with example
  3. Explain Array of Structure with Example.
- Que. 3 Answer any two 10
1. Explain declaration, initialization and Usage of point with example
  2. Explain initialization and accessing array element using pointer.
  3. Write a program to find sum of array elements using pointer.
- Que. 4 Answer any two 10
1. Explain different types of operating modes of File
  2. Explain fprintf and fscanf () with syntax and example
  3. Write a program to read and write file.
- Que. 5 Attempt any Five 10
1. Define : Actual Parameters v/s Formal Parameters.
  2. Define : Advantages of User defined Function
  3. Define : Structure v/s Union
  4. Define : Bit Fields.
  5. Define : Pointer Scale Factor
  6. Define: Rewind(), ftell()
  7. Define : getc(), putc()
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Internet & Web Designing – MS23MJDSCBCA-201A

Total Marks : 50

Time : 2.5 Hours

- |        |   |    |
|--------|---|----|
| Que. 1 | Answer the following. (Any Two)                                     | 10 |
|        | 1. Explain BUS topology and STAR topology in details                |    |
|        | 2. Explain FTP in details   |    |
|        | 3. Explain Virtual Private Network in details                       |    |
| Que. 2 | Answer the following. (Any Two)                                     | 10 |
|        | 1. Explain List tags with a suitable example                        |    |
|        | 2. Explain frame in HTML with a suitable example                    |    |
|        | 3. Explain Font tags with a suitable example                        |    |
| Que. 3 | Answer any two  | 10 |
|        | 1. Explain CSS Background property with all attributes in details   |    |
|        | 2. Explain about use of ID and Class in CSS with a suitable example |    |
|        | 3. Explain CSS Border property with all attributes in details       |    |
| Que. 4 | Answer any two  | 10 |
|        | 1. Explain JavaScript Function with a suitable example              |    |
|        | 2. Explain JavaScript Array object with a suitable example          |    |
|        | 3. Explain JavaScript Window object in details                      |    |
| Que. 5 | Attempt any Five  | 10 |
|        | 1. Define : Search Engines  |    |
|        | 2. Define : ISP   |    |
|        | 3. Define : E-Learning  |    |
|        | 4. Define : <BODY> tag  |    |
|        | 5. Define : Colspan and Rowspan                                     |    |
|        | 6. Define: External Style Sheet                                     |    |
|        | 7. Define : Float property in CSS                                   |    |
|        | 8. Full Form of SMTP  |    |
|        | 9. Define : getElementById() in JavaScript                          |    |
|        | 10. Define : onFocus event in JavaScript                            |    |

April-24-03-3023

Seat No. - 005

**UG Computer Application Certificate Course Semester -II (NEP) Examination**  
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**Electronic Commerce (E-Commerce) – MS23MDSCBCA-203**

**Total Marks : 50**

**Time : 2.5 Hours**

- Que. 1 Answer the following. (Any Two) 10
1. Explain Advantages and Disadvantage of E-Commerce in detail
  2. Differentiate : Traditional Commerce VS E-Commerce
  3. Explain various technologies of E-Commerce in detail
- Que. 2 Answer the following. (Any Two) 10
1. Explain Various Models of E-Commerce in detail
  2. Explain Electric Data Interchange (EDI) in detail
  3. Explain Virtual Private Network (VPN) in detail
- Que. 3 Answer any two 10
1. Explain Payment Gateway in detail
  2. What is security in Cyberspace? Explain different kinds of Cybercrime in detail
  3. Explain Advantages and Disadvantage of EPS.
- Que. 4 Answer any two 10
1. Explain Classification of Network
  2. Explain Ethical Issue in E-Commerce
  3. Explain Growth and Future of M-Commerce
- Que. 5 Attempt any Five 10
1. Define : B2B, C2B
  2. What is IP Security?
  3. Define : E-Wallet.
  4. Differentiate : Pure VS Partial E-Commerce
  5. Define : Intranet and Extranet.



**April-24-03-3024**  
**UG Computer Application Certificate Course Semester -II (NEP) Examination**  
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**Communication Skills-II – MS23AECBCA-204**

**Total Marks : 25**

**Time : 2 Hours**

- Que. 1 Answer the following. 03
1. Write an Application for the Post of Computer Teacher. OR
  1. Write an Application for Loan to purchase a New Car.
  2. You are the Librarian at Devi charitable school, Ahmedabad. Place an order of school books and other story books for the school library with Chitrakoot book shop, Mall road, Lucknow. 03
  - OR
  2. Write a complain letter of damaged goods of Smartphones of Samsung Electronics, DLF Centre, Sansad Marg, New Delhi
  3. Write an Essay on : Importance of Yoga in Daily Life 04
  - OR
  3. Read Following paragraph carefully and Answer the following questions by selecting the most appropriate option  
Garbage is a great environment hazard. It comes from various sources used paper, tiffin packing's, plastic bags, ice-cream wrappers, bottle caps, fallen leaves from trees and many more, Garbage makes the premises ugly, unkempt and breeds diseases. A lot of trash that is thrown away contain material that can be recycled and reused such as paper, metals and glass which can be sent to the nearest recycling centre or disposed of to the junk dealer. It also contains organic matter such as leaves which can enrich soil fertility. A compost pit can be made at a convenient location where the refuse can be placed with layers of soil and an occasional sprinkling of water. This would help decomposition to make valuable fertilizer. This would also prevent pollution that is usually caused by burning such organic waste.
1. Garbage originates from
    - a. used paper, tiffin, pickings, plastic bags and fallen leaves from trees
    - b. leftovers of food
    - c. fallen branches from trees
    - d. building materials
  2. Garbage can create havoc to the mankind by
    - a. spreading foul smell
    - b. slowing our vehicles on the road
    - c. spreading several diseases
    - d. all the above
  3. What happens to the disposed material at the recycling centre?
    - a. It is thrown away
    - b. It is recycled for reuse
    - c. It is sold to the rag pickers
    - d. It is dumped into the ground
  4. Fallen leaves from trees are useful because they
    - a. solve the problem of fuel wood in village households
    - b. enrich water quality
    - c. enrich soil fertility
    - d. beautify landscape
- Que. 2 Answer the following. (Any Two) 10
1. Explain Listening process in detail
  2. Write short note on : Preparing effectively for a job interview
  3. Explain objectives of Group Discussion
- Que. 3 Attempt the Following (Any Five) 05
1. Define : Group Discussion
  2. What is Interview? List out types of Interviews.
  3. List out the aspects of Listening and speaking
  4. What is Business Letter? What is the format of Business Letter?
  5. What is Order Letter?
  6. List out the Guidelines for effective listening.

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Integrated Personality Development-I – MS23VACBCA-205

Total Marks : 25

Time : 2 Hours

- Que. 1 Answer the following. (Any Two) 10
1. Explain why are values crucial for the holistic development of students and citizens?
  2. Explain what simple methods can students adopt to regain control over their Social Media Page?
  3. Explain what lessons students can learn from the lives of SACHIN TENDULKAR?
- Que. 2 Answer the following. (Any Two) 10
1. Explain how did A.P.J Kalam show legendary qualities, and how can Students follow his example?
  2. Explain how can students transform their perception of failure from a source of fear and negativity?
  3. Explain does performing Sava contribute to an individual's health, well-being and happiness?
- Que. 3 Answer the following (any Five) 05
1. Define holistic development's role in success.
  2. What is the focus of "Restructuring Yourself"?
  3. List the four dimensions of self-improvement.
  4. What legends are covered in "Learning from Legends"?
  5. Summarize a lesson learned from Sachin Tendulkar.
  6. What is the focus of "From House to Home"?
  7. What is active listening essential for academic progress?



Total Marks : 25

Time : 2 Hours

Que. 1 Answer the following. (Any Two)

10

1. Multiplication of matrix

$$A = \begin{bmatrix} 1 & 2 \\ -3 & 5 \end{bmatrix} \text{ and } B = \begin{bmatrix} 2 & -3 \\ 4 & 6 \end{bmatrix}$$

2. Find determinant of following matrix

$$D = \begin{bmatrix} 4 & -1 & 2 \\ 3 & 0 & 1 \\ 7 & 9 & -2 \end{bmatrix}$$

3. Evaluate
- $A^2 - 2A + 2I$

$$\text{Where } A = \begin{bmatrix} -2 & 1 & 4 \\ 3 & 5 & 0 \\ -1 & 0 & 6 \end{bmatrix}$$

Que. 2 Answer the following. (Any Two)

10

2, 6, 18, 54, ..... (7<sup>th</sup> term)5, 15, 45, ..... (7<sup>th</sup> term)

3. 25, 23, 21, 19, 17, ..... (50
- <sup>th</sup>
- term)

Que. 3 Do as directed

05

1. Finite Sequence

2. Infinite Sequence

3. Square Matrix

4. Symmetric Matrix

5. Diagonal Matrix