

IMBA CSM (NEP) Sem.-1 Examination

DSC-M-ICSM-113T

EA - Fundamentals of Computer Programming

Time : 1-00 Hour]

February-2025

[Max. Marks : 25

Question 1 Answer the following questions:

- i. Describe the logical and relational operators in C with an example program. 5Marks
- ii. Explain the general structure of a C program with an example. 5Marks

OR

- i. List and describe the basic data types in C with examples of each. 5Marks
- ii. Write a program to accept two numbers from the user, calculate their sum, and display the result using printf() and scanf(). 5Marks

Question 2 Answer the following questions:

- i. Explain Switch Statement with syntax and example. 5Marks
- ii. Write a C program that uses continue to print only even numbers from 1 to 50. 5Marks

OR

- i. What are parameters (Arguments) in C functions? Differentiate between actual and formal parameters with examples. 5Marks
- ii. Explain the difference between while, do-while, and for loops with examples. 5Marks

Questions 3: Attempt any Five out of Six.**05 Marks**

1. Which data type is used for single characters?
2. What type of operator is +?
3. What is the name of the && operator?
4. Which statement skips the current iteration of a loop?
5. What keyword is used to exit a loop prematurely?
6. Which keyword is used for conditional branching?

(P.T.O)

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Candidate's Seat No : _____

IMBA CSM (NEP) Sem.-1 Examination

DSC-M-ICSM-113T

EB - Cyber Security Trends

February-2025

Time : 1-00 Hour]

[Max. Marks : 25

Question 1 Answer the following questions:

- i. Explain Different types of Malware. 5Marks
- ii. Explain five key measures individuals and organizations can take to prevent cybercrimes 5Marks

OR

- i. Explain different Types of Malwares. 5Marks
- ii. Define cybercrime and explain its impact on individuals and organizations, providing examples. 5Marks

Question 2 Answer the following questions:

- i. What is authentication in cybersecurity? Describe the different types of authentication methods. 5Marks
- ii. Discuss three current trends in cybersecurity and their implications for individuals and organizations. 5Marks

OR

- i. Define cyber terrorism and explain its potential impact on critical infrastructure. How can governments and organizations address this threat? 5Marks
- ii. What is cyberbullying, and how can organizations and individuals take steps to prevent it? Discuss its impact on society. 5Marks

Questions 3: Attempt any Five out of Six.

05 Marks

- 1. Give one example of a cybersecurity law.
- 2. Define cyber terrorism in one sentence.
- 3. Name one law designed to combat cyberbullying.
- 4. What is cyberbullying?
- 5. Mention one recent trend in cybersecurity technologies.
- 6. What is computer hacking?

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