0601N1480   Candidate's Seat No : _____

Integ. M.Sc. (CSF) Sem.-1 Examination
DSC-C-ICSF-113
Fundamentals of CP
January-2024

Time : 1-00 Hours]

[Max. Marks : 25

Ques.1 Answer the following questions:

  i. Differentiate between Command Line Interface and Graphical User Interface. — 5 Marks

  ii. What is Hardware and Software? Explain Application and System Software with an example for both hardware and software. Also, explain any three physical devices of computer. — 5 Marks

OR

  i. Explain 5 unique difference between Procedural Oriented Programming and Object-Oriented Programming in detail. — 5 Marks

  ii. Write a program in C to perform all arithmetic operations(add,multiply,subtract,divide) in C. Take values from user side dynamically and display relevant output. — 5 Marks

Ques.2 Answer the following questions:

  i. Explain the concept of User Defined Function? Also, what is the need of user defined function. — 5 Marks

  ii. Explain functions with no arguments and no return values in detail. — 5 Marks

OR

  i. Explain in detail concept of array in C. Also, explain types of arrays in C. — 5 Marks

  ii. Write the syntax to read strings from terminal? — 5 Marks

Ques.3 Attempt any five out of six. — 5 Marks

  1. What is prototype declaration with reference to function in C?

  2. Define functions with no arguments and no return values.

  3. Define Two-dimensional array with well labelled diagram.

  4. List all string handling functions used in C.

  5. Which programming language is low level language?

  6. What is Algorithm and Flowchart?

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Integ. M.Sc. (CSF) Sem.-1 Examination
DSC-C-ICSF-113
Cyber Sec. Tre.
January-2024

Time : 1-00 Hours]   [Max. Marks : 25

Ques.1 Answer the following questions:

   i. Explain the classification of cybercrime in detail.   5 Marks
   ii. What is Authentication? Explain the features in detail.   5 Marks

OR

   i. Differentiate between ethics and laws in the context of cybersecurity. 5 Marks
   ii. What is Cyber Terrorism? Also, explain components of Cyber Terrorism. 5 Marks

Ques.2 Answer the following questions:

   i. What is Advanced Jailbreaking and Rooting Techniques?   5 Marks
   ii. What are Malwares? Also, describe different types of malwares on the basis of their nature. 5 Marks

OR

   i. Describe the working of a Firewall with labelled diagram.   5 Marks
   ii. What is Cyberbullying? What actions are considered as cyberbullying? Also, describe warning signs that someone may be a victim of cyberbullying? 5 Marks

Ques.3 Attempt any five out of six.   05 Marks

   1. Define Adware and Spyware.

   2. Explain hybrid authentication.

   3. Define Ethics and Law.

   4. Explain Phishing.

   5. What is Cyber Stalking?

   6. What is an antivirus?

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