

The New College (Autonomous) Chennai- 14.
Department of Computer Applications - Shift II
Continuous Internal Assessment Test - 2 - Sep 2023.

Title of the Paper: Programming in Asp.Net using C#

Time: 2 Hours

Subject Code: 20BHM511

Maximum Marks: 50

Section - A (10 X 2 = 20 Marks)

Answer All Questions, each within 50 words.

All Questions carry equal marks

1. What is C#?
2. Define Interfaces in C#.
3. Write Namespaces in C#?
4. How to create a method in C#?
5. Define Delegates.
6. What is meant by Boxing?
7. Define Code - Behind Page?
8. What is Asp.Net?
9. Define Grid Layout.
10. Write Flow Layout in asp.net?

Section - B (3 X 5 = 15 Marks)

Answer Any THREE Questions, each within 200 words.

All Questions carry equal marks

11. Explain various Data -types in C#.
12. What are the various Flow control and Conditional statements using in C#?
13. Write the Difference between Asp and Asp.Net?
14. Describe the Single - File Page Model.
15. How to adding controls to the form in asp.net framework.

Section - C (1 X 15 = 15 Marks)

Answer Any ONE Questions, each within 1000 words.

All Questions carry equal marks

16. a) Describe Asp.Net architecture and its key components.

(OR)

- b) How to create a Web form? Write Step by step procedure?

The New College (Autonomous), Chennai – 600 014
DEPARTMENT OF COMPUTER APPLICATION
CIA Examination – SEP-2023

Sub Code: 20BHM512

Max Marks: 50

Title : python programming

Section – A (10 x 2 = 20)

Answer ALL questions

All questions carry equal marks

1. Define the term List .
2. Write any two points about List.
3. Define mutable.
4. Write about aliasing.
5. Write about set.
6. What is function?
7. Write about scope.
8. Write note on type conversion.
9. What is sys?
10. Write about ~~with~~

Section – B (5 x 3 = 15)

Answer any **THREE** questions

All questions carry equal marks

11. Explain about Tuple.
12. write a program using three built in function .
13. write a program using list and dictionary .
14. Write a note on Lambda.
15. Write about dir and help function.

Section – C (1x 15 = 15)

Answer any one questions

All questions carry equal marks

16. Explain about dictionary and set in detail with example program.
17. Explain about function and module .

Mushraf A



DEPARTMENT OF COMPUTER APPLICATIONS
THE NEW COLLEGE (AUTONOMOUS), CHENNAI - 600 014.
CONTINUOUS INTERNAL ASSESSMENT- II SEPTEMBER 2023

Mushraf Ali...

Subject Code: 20BHM515 3 B.C.A.
Subject Name: Data Warehousing & Data Mining

Time: 2 Hours
Max.Marks:50

Section - A (10 X 2 = 20 Marks)

Answer ALL Questions

1. Expand : OLAP & ETL
2. Define :BI
3. Mention the Data Visualization Tools
4. Write any two OLAP Guidelines
5. Define: Data Mining
6. What is meant by Slicing and Dicing?
7. What is Data preprocessing?
8. Write any two Data Mining Task Primitives
9. List out any two Integration of a Data Mining
10. What are the issues in Data Mining?

Section - B (3 X 5 = 15 Marks)

Answer ANY THREE Questions

11. Elaborate OLAP in data warehousing
12. Distinguish between ROLAP & MOLAP
13. List out Data Mining Functionalities
14. Discuss about Types of data
15. Explain about Interestingness of Patterns in data mining

Section - C (1 X 15 = 15 Marks)

Answer the Questions

16. A) Describe about OLAP Tools and the Internet

(OR)

- B) Illustrate Classification of Data Mining Systems

DEPARTMENT OF COMPUTER APPLICATIONS – SHIFT II
THE NEW COLLEGE (AUTONOMOUS) CHENNAI - 14.
Continuous Internal Assessment Test - 1 – Aug' 2023.

Title of the Paper: Networking Technologies
Subject Code: 20BHM513

Time: 2 Hours
Maximum Marks: 50

Section – A (10 X 2 = 20 Marks)

Answer All Questions, each within 50 words.

All Questions carry equal marks

1. What is a Computer Network?
2. Define Protocol.
3. Define Topology.
4. Define WLAN.
5. Expand OSI.
6. Expand ICMP, FTP and RARP.
7. Define Signal.
8. What is a Spectrum?
9. What is meant by Errors?
10. Define Routers.

Section – B (3 X 5 = 15 Marks)

Answer Any THREE Questions, each within 200 words.

All Questions carry equal marks

11. Explain the types of Transmission Mode.
12. How does a spectrum work?
13. Differentiate between Analog and Digital Signals.
14. Explain the different categories of Networks.
15. Explain the applications of Computer Networks.

Section – C (1 X 15 = 15 Marks)

Answer Any ONE Question, each within 1000 words.

All Questions carry equal marks

16. (a) Explain in detail about OSI Layers.

(OR)

- (b) Explain the different types of Topologies.

DEPARTMENT OF COMPUTER APPLICATIONS – SHIFT II
THE NEW COLLEGE (AUTONOMOUS) CHENNAI - 14.
Continuous Internal Assessment Test - 1 – Aug' 2023.

Title of the Paper: Data Warehousing & Data Mining
Subject Code: 20BHM514

Time: 2 Hours
Maximum Marks: 50

Section – A (10 X 2 = 20 Marks)

Answer All Questions, each within 50 words.

All Questions carry equal marks

1. Define Data warehousing.
2. What is Data Mining?
3. What is ETL and mention its tools?
4. State about Operational Data Store (ODS).
5. Name the three models in data modeling?
6. Define about Business Intelligence (BI) and analytics.
7. Tell about the schema and metadata.
8. What are the Meta data lifecycle?
9. What are the basic concepts in dimensional modeling?
10. State the categories of tools for analysis and manipulating the data.

Section – B (3 X 5 = 15 Marks)

Answer Any THREE Questions, each within 200 words.

All Questions carry equal marks

11. List the benefits of data warehousing.
12. Explain about data base architectures of parallel processing.
13. Differentiate between OLTP Vs OLAP.
14. Illustrate about various DBMS Schema for decision support.
15. Explain about RLOP and show its advantages, disadvantages.

Section – C (1 X 15 = 15 Marks)

Answer Any ONE Question, each within 1000 words.

All Questions carry equal marks

16. (a) Explain about the architecture and components of Data warehousing.

(OR)

- (b) Elaborate about Reporting Query Tools and Applications.

DEPARTMENT OF COMPUTER APPLICATIONS – SHIFT II
THE NEW COLLEGE (AUTONOMOUS) CHENNAI - 14.
Continuous Internal Assessment Test - 1 – Aug' 2023.

Title of the Paper: Python Programming
Subject Code: 20BHM512

Time: 2 Hours
Maximum Marks: 50

Section – A (10 X 2 = 20 Marks)

Answer All Questions, each within 50 words.

All Questions carry equal marks

1. Define Python?
2. What are the different modes that can be used to test Python Program?
3. Write any two Special Features of Python.
4. Define Variables.
5. What is the uses of Command line in Python?
6. Define Built-in Data Types in Python?
7. How to declare and Print the variables in Python?
8. What is meant by Bitwise Operators?
9. Write the Basic Syntax in Python?
10. Define Control Statements.

Section – B (3 X 5 = 15 Marks)

Answer Any THREE Questions, each within 200 words.

All Questions carry equal marks

11. Explain in brief about Global and Local Variable with Examples.
12. Explain the Types of Comment lines available in Python.
13. Discuss about the Standard Data types in Python with examples.
14. Write a Python Program, to print all numbers from 10 to 20.
15. Write a Program, to display a Simple Variables definition with Sample output.

Section – C (1 X 15 = 15 Marks)

Answer Any ONE Question, each within 1000 words.

All Questions carry equal marks

16. (a) Explain the given below with examples,
- | | | |
|--------------------------|------------------------|-------------------------|
| i). Relational Operators | ii). Logical Operators | iii). Bitwise Operators |
|--------------------------|------------------------|-------------------------|

(OR)

- (b) Explain in detail about Jump Statements in Python.