MOSHICA F A21

THE NEW COLLEGE (AUTONOMOUS) CHENNAI - 14.
DEPARTMENT OF COMPUTER APPLICATIONS – SHIFT II

MODEL EXAMINATION- OCT'2023.

Title of the Paper : Networking Technologies | **Time : 3 Hours**
Subject Code : 20BHM513 | **Maximum Marks: 75**

Section – A (10 X 2 = 20 Marks)
Answer All Questions, each within 50 words.
All Questions carry equal marks

1. Define Protocol.
2. What is meant by Errors?
3. Expand the full form of ISO.
4. Define CRC.
5. Define Routers.
6. Define UDP.
7. What is meant by Firewall?
8. Define Antivirus.
9. What is meant by WSN?
10. Define WAP Gateway.

Section – B (5 X 5 = 25 Marks)
Answer Any FIVE Questions, each within 200 words.
All Questions carry equal marks

11. Explain the Types of Transmission Mode.
12. Discuss briefly about Topology with neat diagram.
13. Explain the Types of Errors available in Data Link Layer.
14. Explain the Categories of Flow Control.
15. Classify the Phases of Circuit Switching.
16. Explain the Types of Routing Algorithm.
17. Explain about Web Security.
18. Discuss about WAP withneat diagram.

Section – C (3 X 10 = 30 Marks)
Answer Any THREEQuestions, each within 1000 words.
All Questions carry equal marks

19. Explain in detail about OSI Layers.
20. Discuss in detail about DLL Protocols.
21. Explain the given: i).Circuit Switching ii). Packet Switching iii). Message Switching
22. Explain about Network Security.
23. Explain about Adhoc Networks with neat diagram.

DEPARTMENT OF COMPUTER APPLICATIONS
THE NEW COLLEGE, CHENNAI – 14.

20BHM514 — Data Warehousing & Data Mining

Maximum Marks: 75 — October 2023 — Duration: 3 hours

Model Examination

Section – A (10 X 2 = 20 Marks)

(Answer ALL Questions. All Questions carry Equal Marks)

1. Define Data Extraction.
2. What is meant by Meta Data?
3. Define Meta Layer.
4. List the types of OLAP servers.
5. List the types of Data.
6. Define Data Preprocessing.
7. What is Data Mining?
8. Define Prediction.
9. What is a Cluster?
10. Define Outlier.

Section – B (5 X 5= 25 Marks)

(Answer any FIVE Questions. Each Question Carry Equal marks)

11. Write a Short note on Data Warehousing Components.
12. Describe Multi-dimensional Data Model.
13. Discuss the issues of Data Mining.
14. Explain the mining methods.
15. Write a short note on Associative classification.
16. Discuss about Cluster Analysis.
17. Describe Constraint based cluster analysis.
18. List out the OLAP Guidelines.

Section – C (3 X 10 = 30 Marks)

(Answer any ~~ONE~~ THREE Question. Each Question Carry Equal Marks)

19. Explain in detail about building a data warehouse.
20. Write in detail about OLAP Tools & Internet.
21. Explain about classification of Data Mining systems.
22. Explain about various kinds of Association Rules.
23. Write in detail about Density based and Grid based partitioning methods.

MUSHRAF ALI

THE NEW COLLEGE (AUTONOMOUS), CHENNAI

DEPARTMENT OF COMPUTER APPLICATIONS

Subject Code:20BHM511 — Asp.Net using C#

Maximum Marks: 75 — Duration: 3 Hours

Section – A — Answer All Questions — (10x2 = 20 Marks)

1. Define Variable
2. Write any two differences between For Loop and Foreach Loop.
3. What is the use of CLR?
4. What is meant by CTS?
5. List any two Validation Controls.
6. List any two Web Controls.
7. What are the advantages of Server Control?
8. What are the different types of server controls supported by Asp.Net?
9. What is known as Regular Expression Validator Control?
10. What is ADO?

Section – B — Answer Any Five Questions — (5x5= 25 Marks)

11. List and explain about Constructors and Destructors in C#.
12. Define Interface in C#. Explain implementation with an example.
13. Describe the Asp.Net data types.
14. Explain Asp.Net properties and advantages.
15. Explain the steps in creating the Asp.Net Web Services.
16. Explain with an application program about the usage of grid view control.
17. Explain the common properties of Button control.
18. Explain about Validation Controls in brief.

Section – C — Answer Any Three Questions — (3 x 10 =30 Marks)

19. Explain different types of Inheritance in detail.
20. Explain the importance of OOPS and its characteristics in C# in detail.
21. Explain Asp.Net life cycle in detail.
22. Explain about validation controls in detail.
23. Explain the life cycle of ADO.Net in detail

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DEPARTMENT OF COMPUTER APPLICATIONS – SHIFT II

MODEL EXAMINATION- OCT'2023.

Title of the Paper: Python Programming | **Time : 3 Hours**
Subject Code: 20BHM512 | **Maximum Marks: 75**

Section – A (10 X 2 = 20 Marks)
Answer All Questions, each within 50 words.
All Questions carry equal marks

1. Define Variables.
2. What is Python? What are the benefits of using Python?
3. How do you write comments in Python?
4. Define List.
5. Define Functions.
6. What is an Exception?
7. Define Data Streams.
8. List any five types of errors in Python.
9. Define Multiline Statement?
10. What is a String?

Section – B (5 X 5 = 25 Marks)
Answer Any FIVE Questions, each within 200 words.
All Questions carry equal marks

11. Write a program to check whether the number is prime or not.
12. Explain the different relational operators in Python with examples.
13. Discuss about the Branching Statements with examples.
14. What are the File input and output operations in Python Programming?
15. Explain why Python is considered an Interpreted Language.
16. Explain about the Type Conversion with examples.
17. Discuss about the OOP Terminology in Python.
18. Discuss about Python Exception Handling with example.

Section – C (3 X 10 = 30 Marks)
Answer Any THREE Questions, each within 1000 words.
All Questions carry equal marks

19. Explain about Tuples with examples.
20. Explain about Dictionaries with examples.
21. What is Lambda Function? Explain the features of Lambda Function.
22. What is a Function? Explain the different Functions available in Python with examples.
23. What is a String? Explain different String operations in Python with examples.