

**UNIVERSITY OF MYSORE**  
**DIRECTORATE OF DISTANCE EDUCATION**

**COURSE: M. Sc IT**

**SEMESTER: IV**

**ASSIGNMENT TOPICS**

**C1 ASSIGNMENTS**

**SUBJECT: CLOUD COMPUTING**

**MARKS:15**

**Answer any three from the following Questions:**

1. Discuss the different types of cloud computing.
2. Explain how virtualization is achieved in cloud computing environment.
3. Describe the factors that significantly influence the performance of the cloud architecture.
4. Explain the overview of various tools and technologies used in cloud management.
5. List and explain various cloud computing applications.

**C2 ASSIGNMENTS**

**SUBJECT: CLOUD COMPUTING**

**MARKS:15**

**Answer any three from the following Questions:**

1. Compare FaaS/Server less and PaaS.
2. Explain how online planning and task management applications are beneficial compared to similar offline tools and applications.
3. Explain Social networks and groupware's.
4. Discuss the significance of data governance and security.
5. Describe the pros and cons of using SaM CloudBOX PaaS.

## **C1 ASSIGNMENTS**

**SUBJECT: PROGRAMMING WITH C SHARP(C#)**

**MARKS:15**

**Answer any three from the following Questions:**

1. Discuss the characteristics and applications of C#.
2. Explain the difference between C++ and C#.
3. Explain .NET framework with a neat labeled diagram.
4. Discuss command line argument and math functions in C#.
5. Explain value types and reference types in C#.

## **C2 ASSIGNMENTS**

**SUBJECT: PROGRAMMING WITH C SHARP(C#)**

**MARKS:15**

**Answer any three from the following Questions:**

1. Discuss logical and assignment operators in C#.
2. Explain how to declare and call a method in C#.
3. With a syntax, flowchart explain nested if and else if statement with an example.
4. Discuss do-while loop and for loop with an example.
5. Explain the concept of pass by value and pass by reference method.

**COURSE COORDINATOR**

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