

ALAGAPPA UNIVERSTIY STUDY CENTRE TUTICORIN

2nd SEM ASSIGNMENT QUESTION

INTERNAL MARK: 25 / PER SUBJECT

MSC CS

34121 COMPUTER SYSTEM ARCHITECTURE

1. What is Dependability? Explain Service Level Agreements (SLA) in brief.
2. What are Data Dependencies? Briefly explain the categories with example
3. Explain how the protection of memory is done by virtual machines.
4. What are Faults and Failures? List out the fault categories in brief
5. Define little queuing theory. How the queuing theory is used to estimate Poisson Distribution of Random variables. Explain

34122 DISTRIBUTED OPERATING SYSTEM

1. Write short notes on Digital Signatures ?
2. What are file accessing models? Explain
3. Illustrate clock synchronization in distributed system ?
4. Discuss about the communication protocols ?
5. Explain the role of Encoding and Decoding process in message passing ?

34123 .NET PROGRAMMING

1. Draw the architecture of .NET framework.
2. How exceptions are handled in VB.net? Explain
3. Explain logging and error handling in ASP.NET.
4. What is encapsulation? Give suitable program
5. Explain the functions of repeater with example

34124 LAB .NET PROGRAMMING

1. Write a program to perform money conversion
2. Write the steps for creating a Crystal Reports
3. Write a program for implementation of dynamic arrays
4. Write a program to demonstrate the implementation of various data controls in ASP.NET using VB