

Valluvar College of Science & Management, Karur

Class: I-M.sc (cs)

Subject: Distributed Technologies

Unit-I

2 Marks

1. What is distributed computing?
2. Write the advantages and disadvantages in distributed computing?
3. What is Heterogeneity?
4. Define Single call and Singleton.
5. Define Grid View Control.
6. What is distributed program?
7. What is distributed system?
8. Define Openness.
9. What are the types of Security components.
10. What is Scalability?
11. Note on Failure handling.
12. Define Concurrency?
13. What is Transparency?
14. Define RCS.
15. Expand DCOM and CORBA.
16. What is Remote Object?
17. Write notes on Client Activated Object.
18. Write notes on Server Activated Object.
19. Define SingleCall.
20. Define Singleton.

5 Marks

1. Explain the concepts of distributed computing with neat diagram.
2. Explain any ten Strategies involved in Remote Computation.
3. Write any three challenges involved in establishing remote connection.
4. Write short notes of advantages of RMI.
5. Write short notes .NET framework data providers using disconnected data access.
6. Write short notes dataset using disconnected data access.

10 Marks

1. Discuss in detail about distributed computing using .NET remoting
2. Explain in detail about distributed systems in java.
3. Explain briefly about Form view control with example.
4. Explain any five challenges involved in establishing remote connection.
5. Explain briefly about Grid view control with example.

Unit-II

2 Marks

1. Define ADO.NET.
2. What is Data Reader?
3. What is Data Set?
4. What is Pull Method ?
5. What is Push Method ?
6. List out the Types of Crystal Reports.
7. What are the types of crystal reports?
8. Define Multiview.
9. What are the types of web parts modes?
10. What is Imagemap?
11. What is bread crumb navigation?

5 Marks

1. Explain the concept of Form view Control with example.
2. Explain the role of ADO.NET distributed applications.
3. Explain the concept of detail view Control with example.
4. Explain the concept of grid view Control with example.

10 Marks

1. Explain the role of ADO.NET distributed applications.
2. Explain in detail about crystal report control in ASP.NET.
3. Discuss in detail about Master Page in ASP.NET with example.
4. Explain briefly about web parts in ASP.NET with example

Unit-III

2 Marks

1. What is ASP.NET?
2. What is Smtplib class?
3. What are the types of Smtplib class method?
4. Write notes on MSIL.
5. Define Single-file.
6. Define AdRotator.
7. Define MultiView Control.
8. Define Wizard Control.
9. Define Imagemap.
10. Write the types of imagemap control.
11. What is master pages.
12. What is SiteMapPath.
13. Define TreeView control
14. Write note on Web Part.

5 Marks

1. Briefly explain about site navigation in ASP.NET.
2. Write short notes on multiview control in ASP.NET.
3. Explain the concepts of web parts manager with example.
4. Explain the wizard control in ASP.NET.
5. Write short notes on master pages control in ASP.NET.
6. Explain the concepts of web parts manager with example.
7. Explain the concepts of Adrotator control in ASP.NET.

10 Marks

1. Discuss in detail about Web parts
2. Explain briefly about the wizard and imagemap control.

Unit-IV

2 Marks

1. Define Authentication.
2. Define Authorization
3. What are the types of authentication?
4. Define LoginView control.
5. Define LoginName control.
6. Note on LoginStatus control.
7. What are the types of State Management?
8. Define Cookies.

5 Marks

1. Explain in detail about the Mobile application in asp.net
2. Write short notes on State Management in ASP.NET.

10 marks

1. Discuss in detail about the Security in ASP.NET

Unit-V

2 Marks

1. What is Web Services?
2. What is the Role of Web Services in Distributed Computing?
3. Define WSDL.
4. Define UDDI.
5. Define SOAP

5 Marks

1. Briefly explain about the Web Services.
2. Explain the Role of Web Services in Distributed Computing
3. Write short notes on the concept of WSDL

10 Marks

1. Discuss in detail about Connecting a Web Service to a Data Base
2. Explain briefly about the concepts of UDDI, SOAP.