

Reg. No. :

D 2165

Q.P. Code : [D 07 PIT 05]

(For the candidates admitted from 2007 onwards)

M.Sc. DEGREE EXAMINATION, MAY 2013.

Second Year

Information Technology

PROGRAMMING IN C# AND .NET FRAMEWORK

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

(5 × 20 = 100)

1. Describe the architecture of .NET framework.
2. What are the benefits of .NET strategy advanced by Microsoft.
3. Explain the Applications of C#.
4. How are literals classified? Explain it with example.

5. (a) List out the special operators supported by C#.
 - (b) Differentiate for statement and for each statement.
 6. Discuss about the various string class methods in C#.
 7. Define Inheritance and also explain its types.
 8. Give a detailed description on the common C# exceptions.
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Second Year

Information Technology

COMPONENT BASED SYSTEMS

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

(5 × 20 = 100)

1. (a) Give a note on IPL interface. (10)
(b) With suitable example, explain the creation of COM object. (10)
2. (a) Write a note on remote reference. (5)
(b) Discuss about proxy. (10)
(c) List the characteristics of COM. (5)
3. (a) How concurrency is achieved in distributed objects? (5)
(b) How remote reference are handled? Explain with an example. (15)

4. (a) Write a Java ORB and explain the steps involved in it. (10)
 - (b) Give a note on CORBA naming service. (10)
 5. (a) Explain the features of distributed object databases. (5)
 - (b) Explain object caching, clustering and migration. (15)
 6. Discuss about distributed object database management. (20)
 7. (a) Explain basic architecture of DCOM. (10)
 - (b) Write short notes on memory transparency, concurrency and security. (10)
 8. (a) List and explain the steps involved in creating a DLL server with ATL. (10)
 - (b) Explain about factory components. (10)
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Second Year

Information Technology

WEB SERVICES

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

(5 × 20 = 100)

1. Discuss the benefits and techniques of web services.
2. Narrate the syntactic difference between soap 1.2 of soap 1.1.
3. Give a detailed on UDDI and lifecycle management.
4. List and explain the WSCL interface components.

5. With a neat sketch describe the Architecture of BPEC(logical view).
 6. State and explain the key operations of portlet entity management interface and registration management interface.
 7. Write short notes on
 - (a) Steps to build and deploy a web service.
 - (b) Enterprise procurement.
 8. Explain in detail about Technologies for XML based distributed Computing.
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