

## **Tutorial 7**

### **Distributed Computing Platforms**

1. Why it is useful to define the interfaces of an object in an Interface Definition Language?
2. Give an example in which dynamic invocation mechanisms come in handy.
3. What are the communication paradigms which are typically supported by distributed computing platforms?
4. List features in which distributed computing platforms can differ and explain them.
5. How does a CORBA Servant object come to service an object invocation if the server is not even running at the time that the invocation is made by the client on an Object Reference?
6. What programming languages and operating systems can use .NET Remoting?
7. What programming languages can use .NET Web Services? What about Web Services?
8. Discuss the benefits and weaknesses of .NET Web Services over .NET Remoting.
9. When should you use Web Services over other RMI solutions?
10. Explain the role of SOAP, WSDL and UDDI in Web Services.
11. What would be CORBA equivalents of WSDL and UDDI?