Programme: B.Tech.IT Sem VII   Course: Service Oriented Architecture

Date : 29ᵗʰ September 2014   QUIZ   Marks : 5   Time : 10 mins

1. Find the MEP for given WSDL   (1 Mark)

```
<portType name="glossaryTerms">
 <operation name="setTerm">
  <input name="newTerm" message="newTermValues"/>
 </operation>
</portType >
```

1. One-way   2. Request-response   3. Notification   4. Solicit-response

2. Document SOAP is the SOAP message style of the given WSDL document.   (1 Mark)

```
<binding name="factorialPortBinding" type="tns:factorial">
<soap:binding transport="http://schemas.xmlsoap.org/soap/http" style="docu
ment"/>
</operation>
<operation name="fact">
<soap:operation soapAction=""/>
<input>
<soap:body use="literal"/>
</input>
<output>
<soap:body use="literal"/>
</output>
</operation>
</binding>
```

3. Choose the correct sequence of WSDL elements   (1 Mark)

```
<definitions>

a.<message>
  definition of the data being communicated....
  </message>

b.<binding>
  protocol and data format specification....
  </binding>

c.<types>
  data type definitions........
  </types>

d.<service>
  set of ports......
  </service>

</definitions>
```

1. c, a, b, d   2. c, d, b, a   3. a, b, d, c   4. a, c, d, b

4. Write SOAP response message for the following code   (2 marks)

```
package Operation;
import javax.jws.WebService;
import javax.jws.WebMethod;
import javax.jws.WebParam;

@WebService(serviceName = "Operation")
public class Operation
{
  @WebMethod(operationName = "sum")
  public int sum(@WebParam(name = "n1") int n1,
              @WebParam(name = "n2")  int n2)

  {
    int sum= n1+n2;
    return sum;

  }
}
```

```
< soap: Body
    xm lns :                                    >
        <m: sumResponse >

            < m: sum >          <fmasm
            </m: sum Response >

    </soap: Body>
```