Quiz 5: SOAP Implementation & WSDL

A. Comparing with passing simple data types, which of the following is NOT true when using JavaBeans as the passing parameter?

1. Need to clearly specify the passing parameter types in the client program, while they are not required when passing simple data types.
2. Need to add a type mapping statement in the WSDD file, while it is not required when passing simple data types.
3. Need to call the API Call.registerTypeMapping() to register the bean factories in the client program, while it is not required when passing simple data types.
4. Need to give a qualified name to the method that uses the JavaBeans, while it is not required when passing simple data types.

B. For the client program shown in p.34 – 50, which of the following modifications is correct if the remote service now requires TWO Record type JavaBeans as the input parameters?

1. Add one more addParameter statement as follows:
   `call.addParameter("Input-parameter", qn, ParameterMode.IN);`
2. Add one more addParameter statement as follows:
   `call.addParameter("Input-parameter1", qn, ParameterMode.IN);`
3. Add one more addParameter statement as follows:
   `call.addParameter("Input-parameter", qn1, ParameterMode.IN);`
   where qn1 is the QName of the second input parameter.
4. Add one more addParameter statement as follows:
   `call.addParameter("Input-parameter1", qn1, ParameterMode.IN);`
   where qn1 is the QName of the second input parameter.

C. While the AXIS API has provided great support for developing Java program in generating SOAP messages, what is the purpose of introducing WSDL?

1. The WSDL provides a larger set of API than AXIS to facilitate efficient implementation of SOAP services.
2. Since many WSDL aware tools can automatically generate the required info of a service from its WSDL, the process of invoking a Web service can be automated.
3. WSDL provides clear description of a SOAP service such that client can have a better understanding of the service when using the AXIS APIs.
4. WSDL represents a contract between the service and the client such that the invocation of the remote service using AXIS API can be more reliable.

D. Which of the following is NOT the purpose of the binding section of a WSDL document?

1. To indicate the transport protocol of a portType operation.
2. To indicate how the body of a SOAP message is constructed.
3. To indicate how the header of a SOAP message is constructed.
4. To indicate the message transmission sequence of a portType operation.