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|  | Q.1 | As per Web Services concepts, Web Services are the result of uniting which of the following options?   * **XML and SOAP** * XML and HTTP * WSDL and UDDI * eb-XML and WSDL   Hide Options | |
|  | Q.2 | Which of the following options provides registry services such as managing information about service providers, service implementations and service metadata?   * WSDL * **UDDI** * REST * SPARQL   Hide Options | |
|  | Q.3 | For the following URL which of the given HTTP requests gets generated in Java?  http://www.example.com/abcd/index.html   * **GET** * POST * HEAD * PUT   **Little doubtful and confused about the answer though its looks simple. Please revalidate.**  Hide Options | |
|  | Q.4 | What does UDDI stand for?   * Universal Description, Development and Integration * Universal Development, Design and Integration * **Universal Description, Discovery and Integration** * Universal Description, Design and Integration   Hide Options | |
|  | Q.5 | Which of the following statements about REST are true?  A. REST is an architectural style and is only over HTTP.  B. REST is an XML, based over HTTP, SMTP, FTP etc. protocols.  C. REST simply calls services via URL path.  D. REST results are readable as plain XML or JSON.  E. REST uses WSDL for communication between consumer and provider.   * A, D and E * **A, C and D** * B, C, D and E * All of the given options   Hide Options | |
|  | Q.6 | Which of the following options is used to perform remote procedure calls?   * **XML-RPC** * XML-HTTP * SOAP-XML * HTTP-RPC   Hide Options | |
|  | Q.7 | Which of the following options is not a transaction mode for WebMethod attribute?   * **SupportedNew** * Supported * RequiresNew * Required   **Little doubtful about the answer. Please revalidate.**  Hide Options | |
|  | Q.8 | Which of the following options are the HTTP methods used in REST?   * **GET, PUT, DELETE, POST** * GET, SET, TRUNCATE, PUBLISH * GET, SET, DELETE, POST * GET, PUT, DELETE, PUBLISH   Hide Options | |
|  | Q.9 | Which of the following options are key components of SOAP message?   * A body element * A header element * An envelop element * A fault element * **All of the given options**   Hide Options | |
|  | Q.10 | Identify whether the following statement is true or false. You can send a secure request using REST.   * **True** * False   Hide Options | |
|  | Q.11 | Which of the following options are features of REST?   * Platform-independent * Language-independent * Used with firewalls easily * It runs on the top of HTTP * **All of the given options**   Hide Options | |
|  | Q.12 | Which of the following options are characteristics of SOAP? A. Extensibility B. Neutrality C. Independence   * Both A and B * Both B and C * Both A and C * **A, B and C**   Hide Options | |
|  | Q.13 | Which of the following options consists of the SOAP specification that defines the messaging framework?   * SOAP processing model * SOAP extensibility model * SOAP message construct * **All of the given options**   Hide Options | |
|  | Q.14 | Which of the following statements correctly defines the SOAP processing model of the message framework?   * **The rules for processing a SOAP message.** * The concepts of SOAP features and SOAP modules. * The rules for defining a binding to an underlying protocol that can be used for exchanging SOAP messages between SOAP nodes. * The structure of a SOAP message.   Reference : <https://lists.w3.org/Archives/Public/xml-dist-app/2002Jan/att-0338/SoapProcessingModel.htm>  Hide Options | |
|  | Q.15 | Which of the following statements correctly defines the SOAP extensibility model of the message framework?   * The rules for processing a SOAP message. * **The concepts of SOAP features and SOAP modules.** * The rules for defining a binding to an underlying protocol that can be used for exchanging SOAP messages between SOAP nodes. * The structure of a SOAP message.   Reference : <http://java.boot.by/scdjws5-guide/ch02s02.html>  Hide Options | |
|  | Q.16 | Which of the following statements correctly defines the SOAP underlying protocol binding framework of the message framework?   * The rules for processing a SOAP message. * The concepts of SOAP features and SOAP modules. * **The rules for defining a binding to an underlying protocol that can be used for exchanging SOAP messages between SOAP nodes.** * The structure of a SOAP message.   Reference : <https://www.w3.org/2000/xp/Group/1/10/12/Binding_Framework_Proposal>  Hide Options | |
|  | Q.17 | Which of the following statements correctly defines the SOAP message construct of the Message framework?   * The rules for processing a SOAP message. * The concepts of SOAP features and SOAP modules. * The rules for defining a binding to an underlying protocol that can be used for exchanging SOAP messages between SOAP nodes. * **The structure of a SOAP message.**   Reference : <http://java.boot.by/scdjws5-guide/ch02s03.html>  Hide Options | |
|  | Q.18 | Which of the following options are necessary elements in an ordinary XML document defining a SOAP message? A. Envelope B. Header C. Body D. Fault   * **A, B and C** * B, C an D * Both A and C * A, B, C and D   Hide Options | |
|  | Q.19 | Which of the following options is an disadvantage of SOAP protocol In Web Services?   * The neutrality characteristic of SOAP explicitly makes it suitable for use with any transport protocol * SOAP can not be used over SMTP, JMS and message queues * **When using standard implementations and the default SOAP/HTTP binding, the XML Infoset is serialized as XML** * All of the given options   Reference : <https://en.wikipedia.org/wiki/SOAP>  Hide Options | |
|  | Q.20 | Which of the following options is an advantage of SOAP protocol In Web Services?   * The neutrality characteristic of SOAP explicitly makes it suitable for use with any transport protocol * **SOAP can also be used over SMTP, JMS and message queues** * When using standard implementations and the default SOAP/HTTP binding, the XML Infoset is serialized as XML * None of the given options   Hide Options | |
|  | Q.21 | Which of the following options defines the set of SOAP nodes through which a single SOAP message passes?   * SOAP sender * SOAP receiver * **SOAP message path** * SOAP intermediary node   Reference : <https://www.ibm.com/support/knowledgecenter/en/SSGMCP_5.5.0/fundamentals/web-services/dfhws_messagepath.html>  Hide Options | |
|  | Q.22 | Which of the following annotations would you use to specify a path for the particular web service method?   * @Produces * @Path * **@Get** * @GetPath   Hide Options | |
|  | Q.23 | Which of the following HTTP methods is used to implement a RESTful API to list the URIs and perhaps other details of the collection's members?   * @Delete * **@Get** * @Put * @Post   Hide Options | |
|  | Q.24 | Which of the following HTTP methods is used to implement a RESTful API to replace the entire collection with another collection?   * @Get * @Post * **@Put** * @Delete   Hide Options | |
|  | Q.25 | Which of the following HTTP methods in a RESTful API are referred to as idempotent, i.e., the operation will produce the same result no matter how many times it is repeated?   * **@Get and @Delete** * @Get and @Post * @Put and @Delete * @Get and @Put   Reference : <https://restfulapi.net/http-methods/>   |  |  | | --- | --- | | Q.1 | As per Web Services concepts, Web Services enable which of the following options?   * Data can be exchanged between various applications and different platforms * To resolve interoperability issues * Applications to function between two different operating systems server * **All of the given options** | | |
|  | | Q.2 | As per Web Services concepts, which of the following options are the Web Service platform elements?  A. SOAP  B. UDDI  C. XML  D. HTTP  E. WSDL   * A, B and D * B, C and D * A, B and C * **A, B and E**   Reference :[**http://theopentutorials.com/tutorials/web-services/web-services-platform/**](http://theopentutorials.com/tutorials/web-services/web-services-platform/)  Hide Options |
|  | | Q.3 | As per Web Services concepts, on which of the following Web Service protocols can you perform coding, decoding and transporting of data?   * XML and UDDI respectively * **XML and SOAP respectively** * HTML and HTTP respectively * HTML and SOAP respectively   Hide Options |
|  | | Q.4 | As per Web Services concepts, which of the following options would you use to locate and describe Web Services?   * SOAP * Web Page * **WSDL** * UDDI   Hide Options |
|  | | Q.5 | As per Web Services concepts, why is SOAP used as a protocol for accessing a web service?   * **SOAP is platform and language independent, allows getting around firewalls** * SOAP is based on HTML * SOAP is designed to communicate through LAN * All of the given options   Hide Options |
|  | | Q.6 | As per Web Services concepts, which of the following options is a directory service where enterprises register and search for web services?   * WSDL * **UDDI** * Supporting protocols of SOAP * None of the given options   Hide Options |
|  | | Q.7 | As per Web Services concepts, what will happen when you access a Web Service through a synchronous call?   * The application can make a call to the web service and then continue to perform the needed task * A service notifies the application when it is ready * **The application has to wait until execution is completed** * None of the given options   Hide Options |
|  | | Q.8 | As per Web Services concepts, the layers, Service Transport, XML Messaging, Service Description and Service Discovery are the four layers of which of the following options?   * Web Service implementing client components * **Web Service protocol stack** * Web Service supporting repository * Web Service supporting request and response components   Hide Options |
|  | | Q.9 | As per Web Services concepts, Web Services have what types of data?   * Shared data, Processed data, Form data * **Shared data, Pre-session data and Temporary data** * Shared data, Post-session data and Temporary data * Shared data, Pre-session data and Permanent data   Hide Options |
|  | | Q.10 | As per Web Services concepts, which Web Services standard defines the core components, registry and repository, business processes and trading partner agreements?   * UDDI * SOAP * WSDL * **ebXML (electronic business XML)**   Hide Options |
|  | | Q.11 | As per Web Services concepts, in Java-Web Services, which of the following options provides the correct pivot-handlers?   * **Java:RPC, Java:EJB** * Java:WSDL, Java:UDDI * Java:EJB-XML, Java:SOAP * None of the given options   Hide Options |
|  | | Q.12 | Which of the following options are the key components of REST architecture?  A. Client-server  B. Web resources C. XML formats   * Only A * Only B * Only C * **Both A and B** * Both A and C   Hide Options |
|  | | Q.13 | Which of the following statements about SOAP is/are true?   * A SOAP must be encoded using XML. * A SOAP must contain DTD reference. * A SOAP message should use XML processing instructions. * **All of the given options**   Hide Options |
|  | | Q.14 | As compared to RPC and Web services, what is REST?   * Heavyweight * **Lightweight** * Same as that of RPC * Lighter than Web Services and heavier than RPC   Hide Options |
|  | | Q.15 | Which of the following MIME types supports REST?  A. XML  B. Text  C. JSON  D. User-defined  E. XSLT  F. JSP   * A, B, C and D * A, C, D and F * B, D, E and F * **A, C, E and F**   Hide Options |
|  | | Q.16 | Which of the following statements about SOAP is true?   * SOAP is a web message format used in Web Service interactions, SOAP messages are typically sent over server, but other transport protocols can also be used. * **SOAP is an XML message format used in web service interactions, SOAP messages are typically sent over HTTP, but other transport protocols can also be used.** * SOAP is a web message format used in web service interactions, SOAP messages are typically sent over HTTP, but other transport protocols can also be used. * None of the given options   Hide Options |
|  | | Q.17 | Which of the following statements correctly describes the SOAP reply node?   * The SOAP reply node is used to send SOAP messages from the broker as the forward message to the requesting web service client. * The SOAP reply node is used to send SOAP messages from the broker as the request message to the requesting web service client. * **The SOAP reply node is used to send SOAP messages from the broker as the response message to the requesting web service client.** * None of the given options   Hide Options |
|  | | Q.18 | Which of the following codes is a sample structure of a SOAP message?   * None of the given options   **Code Missing ☺**  Hide Options |
|  | | Q.19 | REST uses HTTP for which of the following actions?   * Only to post data * Only to read data * **For CRUD operations** * Only to transfer data   Hide Options |
|  | | Q.20 | SOAP was created with what basic intention?   * Providing a better API than HTTP * Because there was nothing to handle server side configuration * **Communicating between the application using HTTP** * Overcoming the security and firewall issues   Hide Options |
|  | | Q.21 | Which of the following options provides stronger typing with data types?   * REST * **SOAP** * HTTP * All of the given options   Hide Options |
|  | | Q.23 | Which of the following statements about mustUnderstand attribute used in SOAP is true?   * The mustUnderstand attribute is used in a SOAP message to indicate whether a header entry is mandatory or optional for the recipient to process. * If we add mustUnderstand="1" to a child element of the Header element in a SOAP message, it indicates that the receiver processing the Header must recognize the element. * The syntax used to define the mustUnderstand attribute is as shown below: soap:mustUnderstand="0|1" * **All of the given options**   Hide Options |
|  | | Q.24 | Which of the following SOAP attributes would you use to indicate whether a header entry is mandatory or optional for the recipient to process?   * **mustUnderstand** * Trans * encodingStyle * None of the given options   Hide Options |
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|  | | Q.27 | Each resource in REST architecture is identified by its URI, Uniform Resource Identifier. Which URI format is followed while addressing a RESTful Web Service?   * <http-method>://<service-name>/<ResourceType>/<ResourceID> * <http-method>://<protocol>/<service-name>/<ResourceID> * <protocol>://<http-method-name>/<ResourceType>/<ResourceID> * **<protocol>://<service-name>/<ResourceType>/<ResourceID>**   Hide Options |
|  | | Q.28 | What is the @Put HTTP method used to implement, in a RESTful API over a collection of URIs?   * Create a new entry in the collection; the new entry's URI is assigned automatically and is usually returned by the operation * **Replace the entire collection with another collection** * Delete the entire collection * List the URIs and perhaps other details of the collection's members   Reference : <http://www.restapitutorial.com/lessons/httpmethods.html>  Hide Options |
|  | | Q.29 | What is the @Post HTTP method used to implement, in a RESTful API over a collection of URIs?   * **Create a new entry in the collection; the new entry's URI is assigned automatically and is usually returned by the operation** * Replace the entire collection with another collection * Delete the entire collection * List the URIs and perhaps other details of the collection's members   Reference : <http://www.restapitutorial.com/lessons/httpmethods.html>  Hide Options |
|  | | Q.30 | What does the @GET HTTP method implement in a RESTful API over a collection of URIs?   * It creates a new entry in the collection; the new entry's URI is assigned automatically and is usually returned by the operation * It replaces the entire collection with another collection * It deletes the entire collection * **It lists the URIs and perhaps other details of the collection's members**   Reference : <http://www.restapitutorial.com/lessons/httpmethods.html>  Hide Options |
|  | | Q.31 | Which of the following statements correctly describes the statelessness restriction in a RESTful Web Service?   * A RESTful Web Service storing the client's state on the server. * **A RESTful Web Service not keeping the client's state on the server.** * In a RESTful Web Service, it is the responsibility of the client to maintain its previous interactions. * None of the given options   Hide Options |
|  | | Q.32 | What does the following SOAP response contain?  ​   * 1-dimensional array of one double * 1-dimensional array of two doubles * 2-dimensional array of one double * 2-dimensional array of two doubles   **SOAP Response Missing ☺**  Hide Options |
|  | |  |  |
|  | | Q.34 | What does the following SOAP response return?  ​   * 3 different variables: 2 strings and a double * An array of strings and a double * A structure of 2 strings and a double * An array of type 'product'   **SOAP Response Missing ☺**  Hide Options |
|  | |  |  |
|  | | Q.36 | What does the following Java code do?  ​   * Create a SOAP connection * Send SOAP message to the server * Process the SOAP response * Call the SOAP client   **Java Code Missing ☺**  Hide Options |
|  | | Q.37 | If the following restful method returns a string value and the developer needs to extract the name parameter from the request, then what annotation needs to be added at */\* insert code here\*/*in Java?  ​   * @PathParam("name") * @QueryParam("name") * @HeaderParam("name") * **@FormParam("name")** |