1. What are three things that can be managed via runtime policies? (Choose three.)
   A. service granularity
   B. request logging
   C. service ownership
   D. design versioning
   E. access control
   F. usage auditing
   Answer: BEF

2. Which three aspects of design must be defined by the architect using a Total Architecture approach? (Choose three.)
   A. system components
   B. security policies
   C. communication paths and communication mechanisms
   D. interaction with human participants
   E. use of Common Data Model schemas in service interfaces
   Answer: ACD

3. In which format does TIBCO Designer store project trusted certificates?
   A. PKCS12
   B. PKCS7
   C. KeyStore
   D. PEM
   Answer: D

4. What are two essential elements of a reference architecture? (Choose two.)
   A. a concrete deployment model
   B. an abstracted architecture pattern
   C. a common data model
   D. an abstracted process model
   Answer: BD

5. Requirements call for a standards-compliant messaging solution. Which TIBCO product best meets this requirement?
   A. TIBCO BusinessEvents
   B. TIBCO ActiveMatrix Service Bus
   C. TIBCO ActiveMatrix BusinessWorks
   D. TIBCO ActiveMatrix Service Grid
   E. TIBCO Enterprise Messaging Server
   Answer: A

6. What is the root element of a TIBCO ActiveMatrix Service Bus design?
   A. SCA component
   B. SCA composite
C. mediation flow
D. Spring implementation type

**Answer:** D

7. You are deploying a Web Service that is bound to a JMS transport on multiple TIBCO ActiveMatrix nodes. What can you do to achieve service scalability?
A. reference a JMS topic in the JMS Destination Configuration resource template
B. reference a JMS queue in the JMS Destination Configuration resource template
C. configure a routed messaging topology with a multi-hop zone
D. configure queue-to-queue bridging without specifying a selector

**Answer:** C

8. When wrapping a backend system, what does a Web Service always provide that the native system interface does not?
A. standardized service operation semantics
B. an HTTP-based interface
C. a common data model
D. access independent of implementation technology

**Answer:** D

9. Which two interaction patterns are supported in TIBCO ActiveMatrix Service Bus? (Choose two.)
A. Synchronous In-Out with SOAP/JMS
B. Asynchronous In-Out with SOAP/HTTP
C. Synchronous Out-In with XML over JMS
D. Asynchronous Out-Only with XML over JMS

**Answer:** AD

10. What is an important practical benefit of service discovery?
A. It allows programs to dynamically discover new features as needed.
B. It allows internal development groups to find functionality that can be reused.
C. It allows services to discover potential consumers using the UDDI protocol.
D. It allows governance groups to discover functionality that could become a service.

**Answer:** B

11. When a single instance of a service provider is no longer capable of handling the volume of activity due to the business process complexity required to handle each request, which two statements are true? (Choose two.)
A. XML compression reduces the load on the service providers.
B. Scalability can be improved using technology such as HTTP load balancers.
C. The feature should be re-architected as it is not a good candidate for Web Services.
D. Using a JMS-based transport can help improve scalability.

**Answer:** BD
12. Which two statements are true with respect to the granularity of a service? (Choose two.)
A. Fine-grained services are likely to be usable in many places, so you can ignore their access overhead.
B. Fine-grained service benefits may be outweighed by their access overhead.
C. Coarse-grained services are likely to be reusable because they encapsulate a lot of functionality.
D. Coarse-grained services are less likely to be reusable because they encapsulate a lot of functionality.
Answer: BD

13. Which three statements are true about a WSDL instance? (Choose three.)
A. It describes the location of a service, but not the individual operations.
B. It does not require concrete communications endpoints.
C. A message may contain more than one part, such as a purchase order and an invoice.
D. An action supported by a service is known as its binding.
E. A port type (interface) is an abstract set of operations.
Answer: BCE

14. Which two statements are true about namespaces in the XSD standard? (Choose two.)
A. Namespaces are intended as descriptive information for human users.
B. Changes to namespaces are commonly used to identify major version changes in an XSD.
C. An XML file can be validated with two XSDs, which differ by namespace but have the same element definitions.
D. Two XSD files, which differ by namespace but with the same elements definitions, define different schemas.
Answer: BD

15. Which three characteristics define a Service Component Architecture component type? (Choose three.)
A. the implementation technology of the component
B. the services that are provided by the component
C. the properties of the component
D. the binding types of the component
E. the references that are made by the component
Answer: BCE

16. Which two statements are true about processes defined with the Business Process Execution Language for Web Services (WS-BPEL)? (Choose two.)
A. Process faults in WS-BPEL always return SOAP faults.
B. WS-BPEL processes are always initiated by Web Service calls.
Data mappings in a WS-BPEL process require an external service invocation.
All functionality used by a WS-BPEL process must be provided in the form of Web Services.
Answer: BD

17. Which three categories of information should be found in a domain information model? (Choose three.)
A. concepts
B. detailed attributes
C. attribute datatypes
D. identifiers
E. relationship multiplicity
Answer: ADE

18. Which two statements reflect the realities about using common data models? (Choose two.)
A. A common data model provides a single representation of each concept that is used everywhere.
B. The goal of common data models is to minimize the number of representations of each concept.
C. The use of comprehensive data structures that combine many concepts simplifies interface design.
D. Enterprises typically require more than one representation for each concept.
Answer: BD

19. Which two composition styles can be used to define a composite application? (Choose two.)
A. orchestration
B. integration
C. choreography
D. collaboration
Answer: AC

20. A TIBCO ActiveMatrix Service Bus-based order fulfillment application makes outbound requests to an inventory service. Based on the geography and quantity of the order, the request must be routed to one of a number of different specialized inventory service instances.
What are two possible ways to route the requests in ActiveMatrix? (Choose two.)
A. configure the order fulfillment application to reference the different inventory service instances
B. use XPath to create conditional references from the order fulfillment composite to each inventory service instance
C. create a Mediation Flow containing route tasks and route cases
D. create a dynamic binding to the inventory service and use XPath to compute the routing
Answer: CD