



Name:  
Enrolment No:

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**End Semester Examination, July 2020**

**Course: Service Oriented Architecture**  
**Program: B.Tech CSE (MC)**  
**Course Code: CSEG3008**

**Semester: 6th Sem**  
**Time 02 hrs.**  
**Max. Marks: 100**

**Instructions: Attempt all Sections**



Nitika Goenka 45

My Institution

Courses

Community

Edit Mode is: ON ?

Tests, Surveys and Pools Tests Test Canvas : ESE

This Test has 13 attempts. For information on editing questions, click **More Help** below.

**Test Canvas: ESE**

The Test Canvas lets you add, edit and reorder questions, as well as review a test. [More Help](#)

Question Settings

You can edit, delete or change the point values of test questions on this page. If necessary, test attempts will be regraded after you submit your changes.

Description	60 Questions in 2 hours. All questions are mandatory.
Instructions	60 Questions in 2 hours. All questions are mandatory.
Total Questions	60
Total Points	100
Number of Attempts	13

Select: All None | Select by Type: - Question Type -

Delete and Regrade | Points | Update and Regrade | Hide Question Details

1. Multiple Choice: Which of the following enables SOA to...

Points: 1.5

<b>Question</b>	Which of the following enables SOA to deal with changes in business requirements.
<b>Answer</b>	<input checked="" type="checkbox"/> Business Agility <input type="checkbox"/> Architecture <input type="checkbox"/> Application <input type="checkbox"/> Business Service

2. True / False: "Service is a logical entity, the con..."

Points: 1.5

Question	"Service is a logical entity, the contract defined by one or more published interfaces."
Answer	<input checked="" type="checkbox"/> True <input type="checkbox"/> False

3. Multiple Choice: What amongst the following is an exam...

Points: 1.5

Question	What amongst the following is an example and standard of SOA ?
Answer	<input checked="" type="checkbox"/> SOAP <input type="checkbox"/> Application Navigator <input type="checkbox"/> Authorization component <input type="checkbox"/> Authentication component

4. True / False: "Security aspects like authentication..."

Points: 1.5

Question	"Security aspects like authentication, data confidentiality, reliable messaging comes under Quality of Service"
Answer	<input checked="" type="checkbox"/> True <input type="checkbox"/> False

5. Multiple Choice: Which of the following SOA Foundation...

Points: 1.5

Question	Which of the following SOA Foundation Lifecycle phase enables to create new services from existing ones
Answer	<input type="checkbox"/> Model <input type="checkbox"/> Deploy <input type="checkbox"/> Manage <input checked="" type="checkbox"/> Assemble

6. Multiple Choice: What is SOA

Points: 1.5

Question	What is SOA
Answer	<input type="checkbox"/> Software <input type="checkbox"/> Design Pattern <input type="checkbox"/> Hardware <input checked="" type="checkbox"/> Web Service

7. True / False: A Services is a function that is well...

Points: 1.5

**Question** A Services is a function that is well defined and self contained that does not depend on the state of other services.

**Answer**  True  
 False

8. Multiple Choice: How services should be grouped together...

Points: 2.5

**Question** How services should be grouped together into Logical Domains' is

**Answer**  Service Packaging

Service Domain definition

Service Orchestration

Service Routing

9. Multiple Choice: Which of the following contribute to ...

Points: 1.5

**Question** Which of the following contribute to SOA principle.

**Answer**  vendor dependent standards

Asynchronous communication

tightly coupled

not reusable

10. Multiple Choice: Code required to build the connection...

Points: 1.5

**Question** Code required to build the connection bewteen the parts of application

**Answer**  Application Logic

Business Logic

Interface Logic

All of above

11. Multiple Choice: What is the fundamental characteristi...

Points: 1.5

Question	What is the fundamental characteristic of SOA?
Answer	<input checked="" type="checkbox"/> Business driven
	<input type="checkbox"/> Integration centric
	<input type="checkbox"/> Inventory neutral
	<input type="checkbox"/> Solo driven

12. Multiple Choice: How many entry points are there in SOA

Points: 1.5

Question	How many entry points are there in SOA
Answer	<input type="checkbox"/> 3
	<input type="checkbox"/> 4
	<input checked="" type="checkbox"/> 5
	<input type="checkbox"/> 7

13. Multiple Choice: Which of the following hosts the serv...

Points: 1.5

Question	Which of the following hosts the service in a service broker registry.
Answer	<input type="checkbox"/> Service Consumer
	<input checked="" type="checkbox"/> Service Provider
	<input type="checkbox"/> Service Registry
	<input type="checkbox"/> Service

14. Multiple Choice: Which statement describes a business ...

Points: 1.5

Question	Which statement describes a business process in the context of SOA?
Answer	<input type="checkbox"/> It is a business policy or decision procedure
	<input type="checkbox"/> Items are accumulated and then processed together.
	<input checked="" type="checkbox"/> It is a series of tasks connected together like building blocks.
	<input type="checkbox"/> It enables interactions between message consumers and providers.

15. True / False: SOA can work with technology from any...

Points: 1.5

Question	SOA can work with technology from any vendor that supports common web service standards.
Answer	<input checked="" type="checkbox"/> True <input type="checkbox"/> False

16. Multiple Choice: Which event is represented as the re...

Points: 2.5

Question	Which event is represented as the result of a process and indicated by a single thick or bold border.
Answer	<input type="checkbox"/> Start Event <input type="checkbox"/> Intermediate Event <input type="checkbox"/> Timer <input checked="" type="checkbox"/> End Event

17. Multiple Choice: Which language is used to specify bus...

Points: 1.5

Question	Which language is used to specify business process behaviour based on web services.
Answer	<input type="checkbox"/> WSDL <input checked="" type="checkbox"/> BPEL <input type="checkbox"/> BPMN <input type="checkbox"/> SOAP

18. Multiple Choice: Method names ProvisionService() is un...

Points: 1.5

Question	Method names ProvisionService() is under whom
Answer	<input type="checkbox"/> Service Description <input checked="" type="checkbox"/> Service Provider <input type="checkbox"/> Service Consumer <input type="checkbox"/> ServiceBroker

19. Multiple Choice: "Define a dictionary that contains us...

Points: 1.5

Question	"Define a dictionary that contains users,groups,services , data structures, systems, applications etc' is done in which lifecycle stage."
Answer	<p>Discover Stage</p> <hr/> <p>Formalize Stage</p> <hr/> <p><input checked="" type="checkbox"/> Implement Stage</p> <hr/> <p>Runtime Stage</p>

20. Multiple Choice: Which of following is correct for An ...

Points: 1.5

Question	Which of following is correct for An Interface that is uniquely identifiable and made available through a registry for clients to dynamically discover
Answer	<p><input checked="" type="checkbox"/> Published Interface</p> <hr/> <p>Interface</p> <hr/> <p>Public Interface</p> <hr/> <p>Dual Interface</p>

21. Multiple Choice: Which of the following is advantage o...

Points: 1.5

Question	Which of the following is advantage of loosely coupled system.
Answer	<p>can call service locally</p> <hr/> <p>helps to host a service</p> <hr/> <p><input checked="" type="checkbox"/> minimizes dependencies between services</p> <hr/> <p>services need not interact with each other</p>

22. Multiple Choice: Which of the following describes a me...

Points: 2.5

Question	Which of the following describes a message-passing taxonomy for a component-based architecture that provides services to clients upon demand?
Answer	<p><input checked="" type="checkbox"/> SOA</p> <hr/> <p>EBS</p> <hr/> <p>GEC</p> <hr/> <p>All of the mentioned</p>

23. Multiple Choice: "Sequence flow, message flow, associa..."

Points: 1.5

Question	"Sequence flow, message flow, association belongs to which category"
Answer	<input checked="" type="checkbox"/> Flow objects
	<input type="checkbox"/> Connecting objects
	<input type="checkbox"/> swimlanes
	<input type="checkbox"/> artifacts

24. Multiple Choice: "Which of the following levels, enabl..."

Points: 1.5

Question	"Which of the following levels, enables SOA to deal with changes in business requirements."
Answer	<input type="checkbox"/> Architecture
	<input type="checkbox"/> Application
	<input checked="" type="checkbox"/> Business Agility
	<input type="checkbox"/> Business Service

25. Multiple Choice: "In WSDL Document Structure, which el..."

Points: 2.5

Question	"In WSDL Document Structure, which element has these types : One-way, Request-response, Solicit-response, Notification."
Answer	<input type="checkbox"/> types
	<input type="checkbox"/> messages
	<input checked="" type="checkbox"/> port-Type
	<input type="checkbox"/> Service

26. Multiple Choice: What are the characteristics of cloud...

Points: 1.5

Question	What are the characteristics of cloud computing.
Answer	<input type="checkbox"/> Remotely Hosted
	<input type="checkbox"/> Shared Resources
	<input type="checkbox"/> Scalable
	<input checked="" type="checkbox"/> All of the above

27. Multiple Choice: "Google Cloud Storage, Amazon EC2, Jo..."

Points: 1.5

Question	"Google Cloud Storage, Amazon EC2, Joyent belongs to which service model."
Answer	Hardware as Service
	<input checked="" type="checkbox"/> Platform as a Service
	Software as a Service
	Infrastructure as a Service

28. Multiple Choice: "Google Apps, Hotmail, Lotus Netsuite..."

Points: 1.5

Question	"Google Apps, Hotmail, Lotus Netsuite belongs to which model."
Answer	Hardware as Service
	Platform as a Service
	<input checked="" type="checkbox"/> Software as a Service
	Infrastructure as a Service

29. Multiple Choice: Which of the following is communicati...

Points: 1.5

Question	Which of the following is communication protocol between two hetergenous applications.
Answer	WSDL
	<input checked="" type="checkbox"/> SOAP
	UDDI
	FTP

30. Multiple Choice: Which of the following distributed te...

Points: 1.5

Question	Which of the following distributed technology uses IIOP (Internet Inter ORB Protocol) as a communication between ORB.
Answer	RMI
	DCE
	JSON-RPC



CORBA

31. Multiple Choice: Select the real-time examples of appl...

Points: 2.5

Question	Select the real-time examples of application of web services.
Answer	<input type="checkbox"/> Location Retrieval using Maps API
	<input type="checkbox"/> Getting Weather Reports
	<input type="checkbox"/> Getting Stock Details
	<input checked="" type="checkbox"/> All of the above

32. True / False: Webservice is a software system that ...

Points: 1.5

Question	Webservice is a software system that supports interoperable machine-to-machine interaction over web.
Answer	<input checked="" type="checkbox"/> True
	<input type="checkbox"/> False

33. Multiple Choice: What are the characteristics of web s...

Points: 1.5

Question	What are the characteristics of web services.
Answer	<input type="checkbox"/> Loosely coupled
	<input type="checkbox"/> Encapsulated
	<input type="checkbox"/> Publicly Available Descriptions
	<input checked="" type="checkbox"/> All of the above

34. True / False: Simple Object Access Protocol (SOAP) ...

Points: 1.5

Question	Simple Object Access Protocol (SOAP) is a message exchange protocol to communicate with Web Service.
Answer	<input checked="" type="checkbox"/> True
	<input type="checkbox"/> False

35. True / False: SOAP Envelope contains mandatory Head...

Points: 1.5

Question	SOAP Envelope contains mandatory Header Element and Optional Body Element
Answer	<input checked="" type="checkbox"/> True
	<input type="checkbox"/> False

36. True / False: WebService Description Language speci...

Points: 1.5

Question	WebService Description Language specification is a standard to describe and locate web services.
Answer	<input checked="" type="checkbox"/> True <input type="checkbox"/> False

37. Multiple Choice: Use Case Models are used in which of ...

Points: 2.5

Question	Use Case Models are used in which of TOGAF Architecture Domains
Answer	<input checked="" type="checkbox"/> Business Architecture <input type="checkbox"/> Information Architecture <input type="checkbox"/> Application Architecture <input type="checkbox"/> Technology Architecture

38. Multiple Choice: Which of following layer is responsib...

Points: 1.5

Question	Which of following layer is responsible for providing vital information to the enterprise architecture
Answer	<input type="checkbox"/> Strategy Layer <input type="checkbox"/> Business Layer <input type="checkbox"/> Application Layer <input checked="" type="checkbox"/> Data Layer

39. Multiple Choice: Technical Reference Model is used in ...

Points: 1.5

Question	Technical Reference Model is used in which of TOGAF Architecture Domains
Answer	<input type="checkbox"/> Business Architecture <input type="checkbox"/> Information Architecture <input type="checkbox"/> Application Architecture <input checked="" type="checkbox"/> Technology Architecture

40. Multiple Choice: Entity Model is used in which of TOGA...

Points: 1.5

Question	Entity Model is used in which of TOGAF Architecture Domains
Answer	Business Architecture
	<input checked="" type="checkbox"/> Information Architecture
	Application Architecture
	Technology Architecture

41. Multiple Choice: Virtual data model is described by wh...

Points: 2.5

Question	Virtual data model is described by which Enterprise information layer
Answer	Enterprise data
	<input checked="" type="checkbox"/> Consolidated data
	Integration data
	Operational data

42. Multiple Choice: "WSDL, XML Schema, BPEL documents are...

Points: 2.5

Question	"WSDL, XML Schema, BPEL documents are stored in which SOA Tools"
Answer	Service Management
	Enterprise service bus
	<input checked="" type="checkbox"/> Repository
	Registries

43. Multiple Choice: SOR is described/present in which Ent...

Points: 1.5

Question	SOR is described/present in which Enterprise information layer
Answer	Enterprise data
	Consolidated data
	Integration data
	<input checked="" type="checkbox"/> Operational data

44. Multiple Choice: OASIS WSDM standard is used in which ...

Points: 2.5

Question	OASIS WSDM standard is used in which SOA tools
Answer	<input checked="" type="checkbox"/> Service Management
	<input type="checkbox"/> Enterprise service bus
	<input type="checkbox"/> Business activity monitoring
	<input type="checkbox"/> Registries

45. Multiple Choice: Programming Model like web service is...

Points: 1.5

Question	Programming Model like web service is defined in which of SOA Perspectives
Answer	<input checked="" type="checkbox"/> Business Perspective
	<input type="checkbox"/> Architecture Perspective
	<input type="checkbox"/> Implementation Perspective
	<input type="checkbox"/> All of these

46. Multiple Choice: Unified modelling language is tool u...

Points: 1.5

Question	Unified modelling language is tool used in which SOA tools
Answer	<input checked="" type="checkbox"/> Business process modelling
	<input type="checkbox"/> Enterprise service bus
	<input type="checkbox"/> Business activity monitoring
	<input type="checkbox"/> Registries

47. True / False: SOA is about focusing on a specific p...

Points: 1.5

Question	SOA is about focusing on a specific problem area with objective to increase service orientation with enterprise
Answer	<input checked="" type="checkbox"/> True
	<input type="checkbox"/> False

48. True / False: Business Processes are dependent on B...

Points: 1.5

Question	Business Processes are dependent on Business Services
Answer	<input checked="" type="checkbox"/> True

False

49. Multiple Choice: Which is not component of SOA Governance

Points: 1.5

Question	Which is not component of SOA Governance
Answer	Registry
	<input checked="" type="checkbox"/> Architecture
	Testing
	Policy

50. Multiple Choice: SOA Governance framework doesnt incl...

Points: 1.5

Question	SOA Governance framework doesnt include which component
Answer	External SOA
	Enterprise SOA
	Program Level SOA
	<input checked="" type="checkbox"/> Registry SOA

51. True / False: SOA Registry is catalog of informatio...

Points: 1.5

Question	SOA Registry is catalog of information about available services in SOA implementation
Answer	<input checked="" type="checkbox"/> True
	False

52. True / False: SOA Testing is comprehensive schedule...

Points: 1.5

Question	SOA Testing is comprehensive schedule of audits and performance monitoring activities
Answer	<input checked="" type="checkbox"/> True
	False

53. Multiple Choice: RACI chart doesnt involves what

Points: 1.5

Question	RACI chart doesnt involves what
Answer	<input checked="" type="checkbox"/> Reliability
	Informed

Contribution

Accountability

54. Multiple Choice: "SOA Strategy and Chart indicating wh...

Points: 1.5

Question	"SOA Strategy and Chart indicating who is responsible for creating it, changing it & implementing it is which governance type"
Answer	<input checked="" type="checkbox"/> Strategic Governance
	<input type="checkbox"/> Enterprise Governance
	<input type="checkbox"/> Program Governance
	<input type="checkbox"/> Release Management

55. Multiple Choice: Which of the following is applicances...

Points: 1.5

Question	Which of the following is applicances for SOCCI?
Answer	<input type="checkbox"/> SOCCI is manually provsioned
	<input type="checkbox"/> SOCCI works with a dedicated hardware
	<input type="checkbox"/> SOCCI provides Static environment
	<input checked="" type="checkbox"/> SOCCI expose Infrastrucire as a Service

56. Multiple Choice: How do Web 2.0 applications communica...

Points: 2.5

Question	How do Web 2.0 applications communicate with SOA services?
Answer	<input type="checkbox"/> Both architectures use XML to ensure interoperability
	<input type="checkbox"/> Web 2.0 technologies communicate using Remote Procedure Calls (RPC) to SOA services.
	<input checked="" type="checkbox"/> Asynchronous JavaScript + XML (Ajax) applications can make service requests from a Web browser.
	<input type="checkbox"/> JavaScript Object Notation (JSON) provides an efficient data format for SOA services.

57. Multiple Choice: Policies that determine Service Ide...

Points: 1.5

Question	Policies that determine Service Identification factors
Answer	<input checked="" type="checkbox"/> Service Life Cycle Management

Enterprise Governance

Program Governance

Release Management

58. Multiple Choice: "Security, availability & performance..."

Points: 1.5

Question	"Security, availability & performance related policies"
Answer	Service Life Cycle Management
	<input checked="" type="checkbox"/> Operational Governance
	Program Governance
	Release Management

59. Multiple Choice: Which of the following are levels of ...

Points: 1.5

Question	Which of the following are levels of maturity of selected domains?
Answer	Reference models
	Reference architecture
	Component Generators
	<input checked="" type="checkbox"/> All of the above

60. Multiple Choice: Which of the following are part of Re...

Points: 1.5

Question	Which of the following are part of Reference architectures?
Answer	Stages for reuse
	Mature Domains
	<input checked="" type="checkbox"/> All of the mentioned
	None of the mentioned

Delete and Regrade

Points

Update and Regrade

Hide Question Details

← OK