Vendor: The Open Group

Exam Code: OGEA-10B

Exam Name: TOGAF Enterprise Architecture Bridge Exam

Version: DEMO

QUESTION 1
Complete the sentence.
The Architecture Landscape is divided into levels known as_____.

A. Gaps Plateaus, and Target Architectures
B. Baseline. Transition and To Be Architectures
C. Segment Strategic and Capability Architectures
D. Transitional Complete and incremental Architectures

Answer: C
Explanation:
The Architecture Landscape is divided into levels known as Segment Strategic and Capability Architectures. These levels correspond to different scopes and purposes of architectures within an enterprise. Segment Architectures are architectures that address specific business units, functions, or processes within an enterprise. Strategic Architectures are architectures that provide a high-level view of the enterprise's vision, goals, and direction. Capability Architectures are architectures that address specific business capabilities or services that span multiple segments or domains.

QUESTION 2
Which of the following supports the need to govern Enterprise Architecture?

A. The Architecture Project mandates the governance of the target architecture
B. The TOGAF standard cannot be used without executive governance
C. Best practice governance enables the organization to control value realization
D. The Stakeholders preferences may go beyond the architecture project scope and needs control

Answer: C
Explanation:
This statement best supports the need to govern Enterprise Architecture. Best practice governance enables the organization to control value realization by ensuring that architectures are aligned with the enterprise's strategy and objectives, meet the quality and performance requirements, and deliver the expected benefits and outcomes. The Architecture Project does not mandate the governance of the target architecture, but rather follows the governance framework established by the enterprise. The TOGAF standard can be used without executive governance, but it is recommended that executive sponsorship and support are obtained for successful architecture development and transition. The Stakeholders preferences may go beyond the architecture project scope and need control, but this is not the primary reason for governing Enterprise Architecture.

QUESTION 3
Which section of the TOGAF template for Architecture Principles should describe the relationship to other principles?

A. Name
B. Rationale
C. Statement
D. Implications

Answer: B
Explanation:
According to the TOGAF template for Architecture Principles, the Rationale section should

describe the relationship to other principles, as well as the business benefits and the intentions of adhering to the principle. The Rationale section should use business terminology and point to the similarity of information and technology principles to the principles governing business operations. The Rationale section should also explain how the principle supports the achievement of the business objectives and key architecture drivers.

QUESTION 4
Consider the following ADM phases objectives. Which phase does each objective match?

	Objective
1	Finalize the Architecture Roadmap and the supporting Implementation and Migration Plan
2	Ensure that the business value and cost of work packages and Transition Architectures is understood by key stakeholders
3	Define the overall Solution Building Blocks (SBBs) to finalize the Target Architecture based on the ABBs
4	Ensure conformance with the Target Architecture by implementation projects

A. 1F-2G-3F-4F
B. 1E-2F-3E-4G
C. 1G-2E-3F-4E
D. 1F-2F-3E-4G

Answer: B
Explanation:
1E: To identify delivery vehicles (projects programs portfolios) that will deliver the Target Architecture
2F: To confirm readiness and ability to undergo change
3E: To determine whether an incremental approach is required and if so identify Transition Architectures that will deliver continuous business value
4G: To perform appropriate governance functions while the solution is being implemented

QUESTION 5
Which statement best describes iteration and the ADM?

A. The ADM is iterative within the first cycle and then between phases
B. The level of detail is defined once and applies to all iterations
C. The ADM is sequential Iteration is applied within phases
D. The ADM is iterative, over the whole process between phases and within phases

Answer: D
Explanation:
This statement best describes iteration and the ADM. The ADM is iterative over the whole process between phases and within phases because it allows for feedback loops and refinements at any point in the architecture development and transition process. Iteration enables architects to address changing requirements, assumptions, constraints, and environments; to validate and

improve architectures; to manage risks and issues; and to ensure stakeholder satisfaction and value realization.

QUESTION 6
What are the four dimensions used to scope an architecture?

A. Business, Data, Application, Technology
B. Strategy, Segment, Capability, Budget
C. Breadth, Depth, Time Period, Architecture Domains
D. Strategy, Portfolio, Project Solution, Delivery

Answer: C
Explanation:
The four dimensions used to scope an architecture are Breadth, Depth, Time Period, and Architecture Domains.

QUESTION 7
Consider the following statement:

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Separate projects may operate their own ADM cycles concurrently, with
relationships between the different projects.
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What does it illustrate?

A. Implementation governance
B. Enterprise Architecture
C. Iteration
D. Requirements management

Answer: C
Explanation:
The statement illustrates iteration and the ADM. Iteration is the technique of repeating a process or a phase with the aim of improving or refining the outcome. Iteration allows for feedback loops and adaptations at any point in the architecture development and transition process. Separate projects may operate their own ADM cycles concurrently, with relationships between the different projects, to address different aspects or levels of the architecture in an iterative manner.

QUESTION 8
Which of the following is the ability to develop use and sustain the architecture of a particular enterprise using architecture to govern change?

A. An EA Capability
B. An EA repository
C. An EA framework
D. An Enterprise Architecture

Answer: A
Explanation:
The ability to develop, use, and sustain the architecture of a particular enterprise using architecture to govern change is an EA Capability. An EA Capability is a set of skills, processes, roles, responsibilities, tools, and techniques that enable an enterprise to successfully develop and

maintain its Enterprise Architecture and achieve its desired outcomes. An EA Capability is part of an enterprise's overall capability portfolio and should be aligned with its strategy and objectives.

QUESTION 9
Complete the sentence.
The purpose of Enterprise Architecture is to_____.

A. take major improvement decisions
B. control the bigger changes
C. guide effective change
D. govern the stakeholders

Answer: C
Explanation:
The purpose of Enterprise Architecture is to guide effective change by providing a coherent and consistent view of the enterprise's current and future state, as well as the roadmap and principles for achieving it. Enterprise Architecture helps to align business and IT strategies, optimize resources and investments, reduce complexity and risks, enhance agility and innovation, and deliver value to stakeholders.

QUESTION 10
Which of the following best describes the class of information known as the Reference Library within the Architecture Repository?

A. Guidelines and templates used to create new architectures
B. Specifications to which architectures must conform
C. A record of the governance activity across the enterprise
D. Processes to support governance of the Architecture Repository

Answer: A
Explanation:
The class of information known as the Reference Library within the Architecture Repository contains guidelines and templates used to create new architectures. The Reference Library provides a set of resources that can be leveraged or customized for specific architecture development purposes. It includes generic building blocks, patterns, models, standards, frameworks, methods, techniques, best practices, etc.

QUESTION 11
Complete the sentence.
A set of architecture principles that cover every situation perceived meets the recommended criteria of_____

A. consistency
B. robustness
C. stability
D. completeness

Answer: D
Explanation:
A set of architecture principles that cover every situation perceived meets the recommended criteria of completeness. Completeness is one of the six criteria that should be applied when

developing or assessing architecture principles. Completeness means that there are no gaps or overlaps in the coverage of principles across all relevant aspects of the enterprise's architecture.

QUESTION 12
What is used to structure architectural information in an orderly way so that it can be processed to meet stakeholder needs?

A. A Stakeholder Map
B. An Architecture Framework
C. Content Metamodel
D. An EA Library

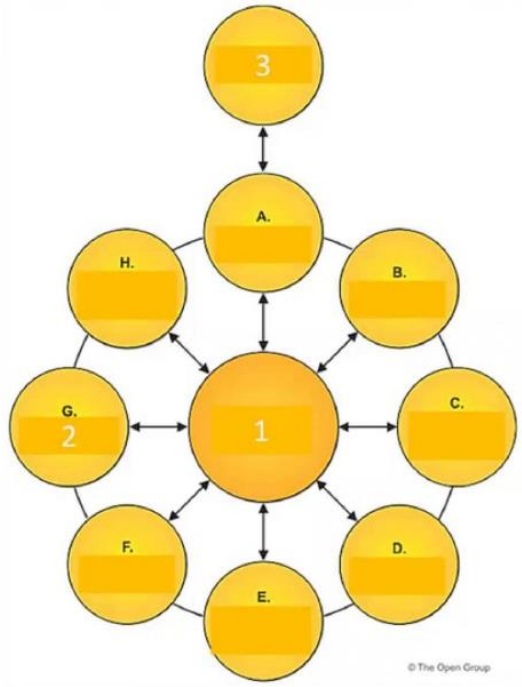
Answer: C
Explanation:
A content metamodel is a formal structure that defines the types of entities and relationships that are used to capture, store, filter, query, and represent architectural information in a way that supports consistency, completeness, and traceability. A stakeholder map is a tool that identifies and analyzes the key stakeholders and their interests, influence, and expectations in relation to the architecture. It is not used to structure architectural information, but rather to understand the stakeholder needs and concerns. An architecture framework is a set of principles, guidelines, standards, and tools that provide a common structure and methodology for developing architectures. It is not used to structure architectural information, but rather to guide the architecture development process and ensure alignment with the business strategy and objectives.
An EA library is a repository that stores and manages the architecture artifacts, deliverables, and other relevant information produced and consumed during the architecture development and governance. It is not used to structure architectural information, but rather to provide access, security, and version control for the architecture content.

QUESTION 13
Which of the following best describes a purpose of the Gap Analysis technique?

A. To validate non-functional requirements
B. To establish quality metrics for the architecture
C. To determine service levels for the architecture
D. To identify missing functions

Answer: D
Explanation:
Gap analysis is a technique that is used to validate an architecture by highlighting the shortfall between the Baseline Architecture and the Target Architecture. One of the purposes of gap analysis is to identify missing functions that are either deliberately omitted, accidentally left out, or not yet defined in the Target Architecture. Missing functions are marked as gaps that need to be filled by developing or procuring the building blocks.

QUESTION 14
Consider the illustration showing an architecture development cycle. Which description matches the phase of the ADM labeled as item 1?



A. Conducts implementation planning for the architecture defined in previous phases
B. Provides architectural oversight for the implementation
C. Operates the process of managing architecture requirements
D. Establishes procedures for managing change to the new architecture

Answer: C
Explanation:
The illustration shows an architecture development cycle based on the TOGAF ADM (Architecture Development Method), which is a method for developing and managing an enterprise architecture. The ADM consists of nine phases, each with a specific purpose and output. The phases are:
Preliminary Phase: To prepare and initiate the architecture development cycle, including defining the architecture framework, principles, and governance.
Phase A: Architecture Vision: To define the scope, vision, and stakeholders of the architecture initiative, and to obtain approval to proceed.
Phase B: Business Architecture: To describe the baseline and target business architecture, and to identify the gaps between them.
Phase C: Information Systems Architectures: To describe the baseline and target data and application architectures, and to identify the gaps between them.
Phase D: Technology Architecture: To describe the baseline and target technology architecture, and to identify the gaps between them.
Phase E: Opportunities and Solutions: To identify and evaluate the opportunities and solutions for implementing the target architecture, and to define the work packages and transition architectures.
Phase F: Migration Planning: To finalize the implementation and migration plan, and to ensure alignment with the enterprise portfolio and project management.
Phase G: Implementation Governance: To provide architecture oversight and guidance for the implementation projects, and to manage any architecture change requests.
Phase H: Architecture Change Management: To monitor the changes in the business and technology environment, and to assess the impact and performance of the architecture.
In addition to these phases, there is a central process called Requirements Management, which is labeled as item 1 in the illustration. This process operates throughout the ADM cycle, and its

purpose is to manage the architecture requirements throughout the architecture development, ensuring that they are aligned with the business requirements and the stakeholder concerns. Therefore, the description that matches the phase of the ADM labeled as item 1 is C. Operates the process of managing architecture requirements.

QUESTION 15
Which of the following best describes the purpose of the Architecture Roadmap?

A. It provides for effective communication of the end architecture project to the stakeholders
B. It is sent from the sponsor and triggers the start of an architecture development cycle
C. It forms the basis of a contractual agreement between the sponsor and the architecture organization
D. It lists work packages on a timeline showing progress towards the Target Architecture

Answer: D
Explanation:
The purpose of the Architecture Roadmap is to provide a high-level view of how the Baseline Architecture will transition to the Target Architecture over time. It lists work packages on a timeline showing progress towards the Target Architecture, as well as dependencies, risks, and benefits. The Architecture Roadmap forms part of the Implementation and Migration Plan and guides the execution of the architecture projects.

QUESTION 16
Please read this scenario prior to answering the question

Your role is that of a consultant to the Lead Enterprise Architect in a multinational automotive manufacturer.
The company has a corporate strategy that focuses on electrification of its portfolio, and it has invested heavily in a new shared car platform to use across all its brands. The company has four manufacturing facilities, one in North America, two in Europe, and one in Asia.

A challenge that the company is facing is to scale up the number of vehicles coming off the production line to meet customer demand, while maintaining quality. There are significant supply chain shortages for electronic components, which are impacting production. In response to this the company has taken on new suppliers and has also taken design and production of the battery pack in-house.

The company has a mature Enterprise Architecture practice. The TOGAF standard is used for developing the process and systems used to design, manufacture, and test the battery pack. The Chief Information Officer and the Chief Operating Officer co-sponsor the Enterprise Architecture program.

As part of putting the new battery pack into production, adjustments to the assembly processes need to be made. A pilot project has been completed at a single location. The Chief Engineer, sponsor of the activity, and the Architecture Board have approved the plan for implementation and migration at each plant.

Draft Architecture Contracts have been developed that detail the work needed to implement and deploy the new processes for each location. The company mixes internal teams with a few third-party contractors at the locations. The Chief Engineer has expressed concern that the deployment will not be consistent and of acceptable quality.

Refer to the scenario

The Lead Enterprise Architect has asked you to review the draft Architecture Contracts and recommend the best approach to address the Chief Engineer's concern.

Based on the TOGAF Standard, which of the following is the best answer?

A. For changes requested by an internal team, you recommend a memorandum of understanding between the Architecture Board and the implementation organization. For contracts issued to third- party contractors, you recommend that it is a fully enforceable legal contract. You recommend that the Architecture Board reviews all deviations from the Architecture Contract and considers whether to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.
B. For changes undertaken by internal teams, you recommend a memorandum of understanding between the Architecture Board and the implementation organization. If a contract is issued to a contractor, you recommend that it is a fully enforceable legal contract. If a deviation from the Architecture Contract is found, you recommend that the Architecture Board grant a dispensation to allow the implementation organization to customize the process to meet their local needs.
C. You review the contracts ensuring that they address project objectives, effectiveness metrics, acceptance criteria, and risk management. Third-party contracts must be legally enforceable. You recommend a schedule of compliance reviews at key points in the implementation process. You recommend that the Architecture Board reviews all deviations from the Architecture Contract and considers whether to grant a dispensation to allow the process to be customized for local needs.
D. You recommend that the Architecture Contracts be used to manage the architecture governance processes across the locations. You recommend deployment of monitoring tools to assess the performance of each completed battery pack at each location and develop change requirements if necessary. If a deviation from the contract is detected, the Architecture Board should allow the Architecture Contract to be modified meet the local needs. In such cases they should issue a new Request for Architecture Work to implement a modification to the Architecture Definition.

Answer: C
Explanation:
According to the TOGAF Standard, Version 9.2, an Architecture Contract is a joint agreement between development partners and sponsors on the deliverables, quality, and fitness-for-purpose of an architecture. It defines the scope, responsibilities, and governance of the architecture work, and ensures the alignment and compliance of the architecture with the business goals and objectives. In the scenario, the Lead Enterprise Architect has asked you to review the draft Architecture Contracts and recommend the best approach to address the Chief Engineer's concern about the consistency and quality of the deployment of the new processes for the battery pack production at each location.
The best answer is C, because it follows the guidelines and best practices for defining and using Architecture Contracts as described in the TOGAF Standard, Version 9.2. It ensures that the contracts cover the essential aspects of the project objectives, effectiveness metrics, acceptance criteria, and risk management, and that they are legally enforceable for third-party contractors. It also recommends a schedule of compliance reviews at key points in the implementation process, and a mechanism for handling any deviations from the Architecture Contract, involving the Architecture Board and the possibility of granting a dispensation to allow the process to be customized for local needs.

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