BCS Practitioner Award in Enterprise Architecture

Specimen Paper

Record your surname / last / family name and initials on the answer sheet.

This specimen paper has only 10 questions, which are a mixture of multiple-choice and multiple-response questions – 1 mark awarded to each question. Multiple-choice questions allow only one correct answer to be selected for 1 mark. Multiple response questions require the candidate to select a number of correct responses for 1 mark.

There are no trick questions.

A number of possible answers are given for each question, indicated by either **A B C D or E**. Your answers should be clearly indicated on the answer sheet.

Pass mark is 7/10
Time allowed: 15 minutes.

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1 What are the main duties of an enterprise architect board?

Select **three correct** responses.

A Determine whether specific actions are being done correctly.
B Create and maintain standards and references.
C Review and assess architectures.
D Identify architecture roadmaps.
E Review and assess product progress and design issues.

2 What steps are involved during the development of an enterprise architectural roadmap?

Select **two correct** responses.

A Capture transitional states
B Estimate the cost of the planned changes.
C Identify a target state.
D Map resources, assets, competencies.

3 How might enterprise architecture influence the activities of other architectures within the enterprise?

Select **three correct** responses.

A Evaluating which technologies are most appropriate for securely processing data.
B Estimating and planning resource management across the enterprise.
C Influencing high level road maps for business, technologies and IT strategies.
D Influencing standards and patterns used across the enterprise.
E Developing and implementing the tools and processes for threat detection, prevention and incident response.

4 During a meeting, a business stakeholder has queried the necessity of changing the employee service systems. You have advised the stakeholder that the proposed changes would simplify employee self-service functions by automating processes that are currently done manually (e.g. booking annual leave). You also present the roadmap indicating the current and target states in addition to when it can be completed.

Which **two** investment approaches are demonstrated in this scenario?

A Ensure investment adds value.
B Avoid additional complexity.
C Establish time frames
D Engage key stakeholders.

5 Senior management of an organisation are deciding on which technology they could invest in to aid in their business strategy of "reducing their environmental impact".

Which **three** approaches can effectively promote decision making?

A Presenting the potential CO_2 reduction that each new technology could provide.
B Presenting the potential costs of each new technology.
C Presenting holistic evidence from front-end workers describing how the change would impact them.
D Assigning a risk rating (based on a risk rating system) to the potential new technologies.

6 In a large-scale organisation, which **two** of the following scenarios would an enterprise architect be responsible for?

A The compliance of a solution in progress.
B The compliance of a completed solution.
C The compliance of government regulation.
D The compliance of the technical design authority.

7   In which scenario would an enterprise architect be directly responsible?

   A   Working with a data architect to map how user data can be transferred to a new system.
   B   Creating underlying principles to inform decision making.
   C   Making business decisions based on the technology available.
   D   Managing multiple team members across various departments to ensure deadlines are met.

8   Which scenario adheres to the guiding values of enterprise architecture?

   A   Ensuring that investments in new technology align to the businesses key performance indicators (KPIs).
   B   Minimising technical debt when changes are implemented.
   C   Ensuring that solutions are compatible with the enterprise architecture.
   D   Maintaining low-level activity diagrams.

9   A business is planning on retiring their physical servers and switching to a cloud-hosting service. Which statement indicates a transitional state?

   A   All data is stored on the cloud-hosting service and can be accessed.
   B   Capture the architecture surrounding the physical servers.
   C   Complete refactoring of applications to allow usage.
   D   Update the roadmap as the project progresses.

10 An organisation with a competitive atmosphere (represented by sales competitions between different branches) are upgrading the security software of their IT systems. The upgrade can be completed by a team of technicians one office at a time over a 1-month period that has already been planned by the business leaders. Most branch managers are requesting to be upgraded last.

As an enterprise architect, what is the most appropriate action?

A Continue with the proposed changes and continue with the upgrade as set out in the plan.
B Arrange a meeting with the business leaders to discuss the situation.
C Arrange a meeting with the business leaders to discuss the situation.
D Continue with the proposed changes following the requests of the branch managers.

End of Paper