



BCS Practitioner Award in Solution 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 should be the first step in preparing a GAP analysis?

Select **one correct** response.

- A Itemise the components and interfaces.
- B Rationalise for consistency and completeness.
- C Verify and validate inputs.
- D Compare the present state and desired future state of the enterprise.

2 What would be an example of a physical level of abstraction in enterprise architecture?

Select **three correct** responses.

- A Server specifications.
- B Hardware requirements.
- C Key concepts and relationships.
- D Relationships between resources, activities, outputs or outcomes.
- E Products and protocols.

3 When designing a solution, the solution architect must ensure that their decision making aligns with the enterprise architecture of the organisation. Which of the following typically fall under the enterprise architecture domain?

Select **two correct** responses.

- A Policies.
- B Development.
- C Project management.
- D Software features.
- E Technology strategy.

- 4 Which is the most appropriate approach to communicating technical content to non-technical stakeholders?
- A Using activity diagrams to explain processes.
 - B Using component diagrams to explain elements of a solution.
 - C Using stakeholder perspectives to analyse abstracted views.
 - D Using stakeholder perspectives to analyse logical views.
- 5 Which architectural domain is described in the quote below?
- "A discipline concerned with managing a blueprint for an architecture that is for a particular business need".
- A Business architect.
 - B Cloud and infrastructure architect.
 - C Enterprise architect.
 - D Solution architect.
- 6 Which department/role is responsible for initiating a Data Protection Impact Assessment (DPIA) for a solution?
- A The enterprise architect.
 - B The legal and compliance team.
 - C The project management office.
 - D The solution architect.
- 7 Which group most likely needs to consult with specialists to aid in decision making for a solution when their knowledge is limited?
- A The business design authority.
 - B The architects review board.
 - C The technical design authority.
 - D The legal and compliance team.

- 8 As a solution architect working on a large scale technical solution you have set up a design authority to provide structure for the communication required to ensure the engagement and involvement of stakeholders in the design, implementation and deployment of a solution so that it is aligned with the business.

Which of the following stakeholders would **most likely** be a direct member of the design authority?

- A Business sponsor.
 - B Compliance manager.
 - C Enterprise Architect.
 - D Business analyst.
- 9 Which model would be most appropriate to create as a solution architect working on mapping how systems interact with each other.
- A An activity diagram.
 - B A component diagram.
 - C A data model.
 - D A use case diagram.
- 10 What is the **most appropriate** approach when presenting possible solutions to stakeholders?
- A Provide a detailed solution.
 - B Provide a number of detailed solutions.
 - C Provide a number of rough outlines of the solutions.
 - D Provide a rough outline of a solution.

End of Paper