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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This professional certification is not regulated by the following United Kingdom Regulators - Ofqual, Qualifications in Wales, CCEA or SQA.
1 Which one of the following calculations would be completed when creating a decision tree?

A Cartesian Product.
B Information Gain.
C Term Frequency.
D Inverse Document Frequency.

2 Which one of the following are levels in the CMMI?

A Initial.
B Prepared.
C Qualitatively managed.
D Negotiated.

3 An organisation is looking to implement a framework to define the enterprise architecture and capture various viewpoints. Which one of the following would be the most suitable framework to apply?

A TOGAF.
B Zachman.
C DMBOK2.
D DAMA.

4 Which of the following are benefits of data governance?

Select three correct responses.

A Improved data quality.
B Reduced data costs.
C Increased focus on customer retention.
D Increased data security.
E Faster decision making.
5 Which of the following would be benefits of a decentralised data governance model?

Select two correct responses.

A Offers simpler data maintenance.
B Shorter delivery time for master data.
C Suited to large organisations.
D Coordination and communication.
E Reduced costs.

6 Which of the following are levels in the DAMA?

Select three correct responses.

A Adhoc.
B Defined.
C Regular.
D Repeatable.

7 A business stakeholder requires your guidance on how data should be stored for an international client. Which of the following responsibilities of data architecture are being demonstrated?

Select two correct responses.

A Analyse and synthesise data.
B Communicate between the technical and non-technical.
C Model and own the data landscape.
D Understand and adhere to relevant data governance.

8 In working with unstructured data, NoSQL databases can help store the data. Which of the following would be associated with NoSQL databases?

Select two correct responses.

A Column-based.
B Document oriented.
C Extensive query capabilities.
D Formalised ERD.
9 Which of the following are true of the physical level of abstraction?

Select three correct responses

A It describes how data is stored in the computer system.
B It is the lowest level of abstraction.
C It is managed by the project manager.
D It is concerned with the structure of the database.
E It has descriptions of the meaning of the data.

10 Which of the following are typically included in a low-level design?

A Data Storage devices.
B Data tables and indexes.
C Implementation steps.
D Data access permissions.
E Cost estimates.

End of Paper