



# ARTIFICIAL-INTELLIGENCE- FOUNDATION<sup>Q&As</sup>

Certification Artificial Intelligence

**Pass APMG International ARTIFICIAL-INTELLIGENCE-  
FOUNDATION Exam with 100% Guarantee**

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.geekcert.com/artificial-intelligence-foundation.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by APMG  
International Official Exam Center



VCE & PDF

GeekCert.com

<https://www.geekcert.com/artificial-intelligence-foundation.html>  
2024 Latest geekcert ARTIFICIAL-INTELLIGENCE-FOUNDATION PDF and  
VCE dumps Download

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers





### QUESTION 1

Para View allows large data sets to be visualised on a parallel computer.

Which of the following is one of the techniques used?

- A. Norm calculation.
- B. Dashboard.
- C. Contour plot
- D. Eigen function analysis.

Correct Answer: C

ParaView is an open-source, multi-platform visualization application that allows large data sets to be visualized on a parallel computer. ParaView uses a variety of techniques to visualize data, including contour plots, which are useful for visualizing 3D data sets. Contour plots are created by plotting a set of curves connecting points of equal value, with each curve representing a particular value. This allows 3D data sets to be visualized in a 2D format, making it easier to understand the data.

References:

[1] BCS Foundation Certificate In Artificial Intelligence Study Guide, Page number 19

[2] APMG International, "What is ParaView?", <https://apmg-international.com/en/blog/what-is-paraview/>

[3] EXIN, "What is ParaView?", <https://www.exin.com/blog/what-is-paraview/>

---

### QUESTION 2

What term do computer scientists and economists use to describe how happy an agent is?

- A. Index.
- B. Warm.
- C. Return
- D. Utility.

Correct Answer: D

<https://griffinshare.fontbonne.edu/cgi/viewcontent.cgi?article=1008&context=ijds>

Computer scientists and economists use the term "utility" to describe how happy an agent is. Utility is a measure of satisfaction or preference, and it is used to evaluate an agent's satisfaction with a particular outcome. Utility can be used to

determine the optimal decision or action for an agent to take in order to maximize its satisfaction.



References:

- [1] BCS Foundation Certificate In Artificial Intelligence Study Guide, "Decision Making and Planning", p.99-100.
  - [2] APMG-International.com, "Foundations of Artificial Intelligence"
  - [3] EXIN.com, "Foundations of Artificial Intelligence"
- 

### QUESTION 3

Which of the following is an advantage of a machine based system?

- A. Able to judge ambiguous and unknown situations.
- B. Capable of sympathising with humans.
- C. Undertakes monotonous tasks reliably and accurately.
- D. Can explain the output of an AI system

Correct Answer: C

One of the main advantages of a machine-based system is its ability to reliably and accurately undertake monotonous and repetitive tasks. This is especially useful for tasks that require a high level of accuracy and precision, such as data entry or analysis. Machine-based systems are also able to process large amounts of data quickly, meaning that they are able to complete tasks more quickly and efficiently than humans. Additionally, machine-based systems can be programmed to take certain decisions and actions based on the input data, allowing them to automate certain processes without the need for human intervention.

References:

BCS Foundation Certificate In Artificial Intelligence Study Guide (2019), AI Systems, Chapter 8. <https://www.apmg-international.com/en/al-adoption/advantages-of-al/>

---

### QUESTION 4

A vector in vector calculus is a quantity that has magnitude and direction.

What is a vector in computer programming?

- A. An array with one dimension.
- B. A two-dimensional array of scalars.
- C. An array of complex numbers
- D. A constant

Correct Answer: A

In computer programming, a vector is a data structure that contains a collection of elements that are all of the same



type. Each element in the vector has an associated index, which can be used to access and modify the element at that index.

Vectors are commonly used to store collections of numerical values (e.g., integers or floating-point numbers) or strings, but they can also be used to store any type of data.

References:

[1] BCS Foundation Certificate In Artificial Intelligence Study Guide, Page number 36

[2] APMG International, "What is a Vector in Computer Programming?", <https://apmg-international.com/en/blog/what-is-a-vector-in-computer-programming/>

[3] EXIN, "What is a Vector in Computer Programming?", <https://www.exin.com/blog/what-is-a-vector-in-computer-programming/>

## QUESTION 5

The EU and United Nations have made designing for all individuals a core principle. What is this type of design called?

- A. Core design
- B. Universal design.
- C. Biophilic design.
- D. Utopic design.

Correct Answer: B

<https://universaldesign.ie/What-is-Universal-Design/> Universal design is a type of design that takes into account the needs of all individuals, regardless of age, ability, or physical condition. It is a principle that is embraced by the European

Union and the United Nations, and it is based on the idea that products, services, and environments should be designed to be usable by the widest range of people possible. Universal design emphasizes accessibility, usability, and inclusivity,

and it is often used to create products and services that are easy to use for people of all ages and abilities.

References:

<https://www.bcs.org/more/certifications/foundation-certificate-in-artificial-intelligence/>

<https://www.apmg-international.com/en-gb/courses/universal-design/universal-design-foundation-and-certification/>

[Latest ARTIFICIAL-INTELLIGENCE-FOUNDATION Dumps](#)

[ARTIFICIAL-INTELLIGENCE-FOUNDATION PDF Dumps](#)

[ARTIFICIAL-INTELLIGENCE-FOUNDATION VCE Dumps](#)