



ARTIFICIAL-INTELLIGENCE- FOUNDATION^{Q&As}

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.passapply.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

PassApply.com

<https://www.passapply.com/artificial-intelligence-foundation.html>
2024 Latest passapply 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

Narrow or weak AI can be useful to robots.

Which of the following is an example of narrow AI?

- A. Conscious simulation.
- B. Artificial General AI.
- C. Conscious integration.
- D. NLP - Natural Language Processing.

Correct Answer: D

NLP - Natural Language Processing is an example of narrow AI. It is a type of AI system that is able to understand, interpret, and generate natural language. NLP has become increasingly popular over the past few years, as it has been used

to create applications such as chatbots, virtual assistants, and search engines. NLP systems are able to learn language and the context in which it is used, and they are able to understand the nuances of language and its different meanings.

References:

BCS Foundation Certificate In Artificial Intelligence Study Guide, <https://bcs.org/certifications/foundation-certificates/artificial-intelligence/>

QUESTION 2

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 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

Which of the following is an example of fitting a curve to a set of data?

- A. Python.
- B. Least squares regression.
- C. Bayesian network.
- D. Backward propagation.

Correct Answer: B

Least Squares Regression is a statistical technique used for fitting a curve to a set of data. It involves minimizing the sum of the squares of the differences between the observed data and the fitted curve. This is done by finding the line of best

fit, which is the line that minimizes the sum of the squared residuals. The line of best fit is determined by finding the



parameters that give the minimum sum of the squared residuals. This technique is often used in data science and machine

learning to create models that can be used to make predictions.

References: BCS Foundation Certificate In Artificial Intelligence Study Guide, <https://bcs.org/certifications/foundation-certificates/artificial-intelligence/>

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/>

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

[ARTIFICIAL-INTELLIGENCE-FOUNDATION Study Guide](#)

[ARTIFICIAL-INTELLIGENCE-FOUNDATION Braindumps](#)