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Exam : AIF

**Title : BCS Foundation Certificate
In Artificial Intelligence**

Version : DEMO

1.Which factor of a Waterfall' approach is most likely to result in the failed delivery of an AI project?

- A. Takes longer to deliver all functional requirements.
- B. Discourages collaboration and cross boundary communication.
- C. Takes longer to complete the design phase of the project.
- D. Discourages revisiting and revising any prior phase once it is complete.

Answer: C

2.With a large dataset, limited computational resources or frequent new data to learn from, we can adopt what type of machine learning?

- A. Batch learning.
- B. Big Data learning.
- C. Patchwork learning.
- D. Online learning.

Answer: A

3.Tensor flow is a typical open source what?

- A. Cloud based AI application.
- B. Intelligent robot paradigm.
- C. Machine learning library.
- D. Agent based modelling application

Answer: C

Explanation:

TensorFlow is an end-to-end open source platform for machine learning. It has a comprehensive, flexible ecosystem of tools, libraries and community resources that lets researchers push the state-of-the-art in ML and developers easily build and deploy ML powered applications.

<https://www.tensorflow.org/#:~:text=TensorFlow%20is%20an%20end%2Dto,and%20deploy%20ML%20powered%20applications.>

4.Who was the pioneer of computer programming?

- A. Dame Wendy Hall.
- B. Karen Spark Jones.
- C. Ada Lovelace.
- D. Sophie Wilson

Answer: C

Explanation:

<https://www.techopedia.com/2/31564/watercooler/ada-lovelace-enchantress-of-numbers>

5.An agent based model is a simul-ation of autonomous agents (individual and collective).

What can be used to learn from the data generated by the simul-ations?

- A. Paraview.
- B. Machine Learning.
- C. Python.
- D. A spreadsheet

Answer: D

Explanation:

<https://www.pnas.org/doi/10.1073/pnas.082080899>