

Max Score: 1000 points Pass: 600 points Answered: 60/60 Time Left: **00:00:00** Submit

true of false 1/60Question Arrow keys available to switch questions

1. Assuming a dataset contains the areas and prices of 21,613 housing units in a city, a classification model can predict the prices of other housing units in the city.

☒ False

☐ True

Congratulations! Correct Answer: False

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true of false 2/60Question Arrow keys available to switch questions

2. When collecting images for image processing, we usually use numbers (such as 0, 1, 2, 3, and 4) to indicate image types. Because of this, we must perform one-hot or dummy encoding on data before training the model.

☒ True

☐ False

Sorry ! Correct Answer: False

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true of false 9/60Question Arrow keys available to switch questions

9. HUAWEI HiAI 3.0 supports the development of P50 smartphones.

☒ True

☐ False

Congratulations! Correct Answer: True

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true of false 11/60Question

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11. In industry applications, models have demanding requirements on accuracies. A larger model corresponds to a higher accuracy.

☐ True

☒ False

Congratulations! Correct Answer: False

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true of false 12/60Question

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12. The ModelArts inference platform implements fast and efficient model inference and image recognition.

☒ True

☐ False

Congratulations! Correct Answer: True

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true of false 13/60Question

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13. In the convolutional layer, the dropout ratio is the ratio of features whose values are set to 0. Generally, the dropout ratio ranges from 0.2 to 0.5.

☐ False

☒ True

Congratulations! Correct Answer: True

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true of false 14/60Question

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14. Typically, a larger k value in the K-Nearest Neighbors (KNN) algorithm reduces the impact of noise on classification, but makes the boundary between classes less obvious.

☒ True

☐ False

Congratulations! Correct Answer: True

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true of false 16/60Question

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16. An Atlas 900 AI cluster is suitable for oil exploration, smart city, and drug discovery scenarios.

☒ True

☐ False

Congratulations! Correct Answer: True

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true of false 17/60Question

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17. In TensorFlow 2.0, tf.data contains methods to write data in TFRecord format.

☒ True

☐ False

Congratulations! Correct Answer: True

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Multiple choice single answer 28/60Question

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28、 Which of the following statements is true about the low-latency design of CPUs?

- ☐ B. Complex logic control units increase the latency.
- ☒ C. A CPU is equipped with few ALUs and caches. The caches merge access requests to the same data and then access the DRAM, reducing the latency.
- ☐ A. The low clock frequency reduces the latency.
- ☐ D. The powerful ALU can complete the computation in a short clock cycle.

Sorry ! Correct Answer: D

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Multiple choice single answer 29/60Question

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29、 Which of the following is NOT a main function of HUAWEI CLOUD GeoGenius?

- ☐ B. Ecological environment detection
- ☐ C. Weather forecast
- ☒ D. Real-time traffic detection
- ☐ A. Natural resource survey

Congratulations! Correct Answer: D

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Multiple choice single answer 30/60Question

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30、 Which operation is not a step in the network definition process during application development?

- ☐ B. Weight initialization
- ☐ A. Specifying an input dimension
- ☐ C. Defining an optimizer and a loss function
- ☒ D. Model compression

Congratulations! Correct Answer: D

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Multiple choice single answer 31/60Question

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31、 Which of the following is not a feature of HiAI 2.0?

- ☐ B. Multi-device
- ☐ A. Single-device
- ☒ C. Device-cloud synergy
- ☐ D. Distributed

Sorry ! Correct Answer: D

Browser tabs: Final, SQL S, HCIA, https, Active, LAM, Face, votin, W Optic, Goog, الصور, Vietn, R2E, pil in, Spee, +, Search, _ , Copy, X

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Multiple choice single answer 34/60Question

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34、 Intelligent quality inspection is based on the cloud-edge-device synergy of deep learning algorithms. Which of the following operations is performed on edge devices?

- ☐ A. Model training
- ☐ B. Data labeling
- ☐ C. Model delivery
- ☒ D. Onsite inference

Congratulations! Correct Answer: D

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Multiple choice single answer 35/60Question

Arrow keys available to switch questions < >

35、 Which of the following statements is false about machine learning?

- ☐ A. Model generalization capability: the extent to which a learned model can be applied to new samples, also called robustness.
- ☐ B. Error: difference between the prediction of a learned model on a sample and the actual result of the sample. Errors can be classified into training errors and generalization errors.
- ☐ C. Underfitting: The training error is large.
- ☒ D. Overfitting: The training error is large.

Congratulations! Correct Answer: D

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Multiple choice single answer 37/60Question

Arrow keys available to switch questions < >

37、 Which of the following is not a feature of the MindSpore core architecture?

- ☐ B. Automatic parallelism
- ☐ C. Automatic deployment
- ☒ D. Automatic tuning
- ☐ A. Automatic differentiation

Sorry ! Correct Answer: C

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Multiple choice single answer 38/60Question

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38、 A generative adversarial network is like a game system. The generator produces fake samples, and the discriminator tries to distinguish real data from the data created by the generator. What is the ideal result?

- ☐ A. The generator is trained to fool the discriminator.
- ☒ C. The discriminator distinguishes real data from the data created by the generator.
- ☐ B. The discriminator cannot distinguish real data from the data created by the generator.
- ☐ D. Develop a high-precision discriminator and a generator that cannot fool the discriminator.

Sorry ! Correct Answer: B

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Multiple choice multiple answer 39/60Question

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39、 Which of the following statements are true about decision trees?

- ☒ B. Each non-leaf node in a decision tree represents a test on a feature attribute; each branch represents the output of the feature attribute within a value range; and each leaf node holds a class label.
- ☒ A. A decision tree is a binary tree structure.
- ☐ C. Except the root node, all nodes in a decision tree are called leaf nodes.
- ☒ D. Building a decision tree means selecting and measuring feature attributes and determining their topology.

Sorry ! Correct Answer: BD

Multiple choice multiple answer 41/60Question Arrow keys available to switch questions

41、 Which of the following statements are true about data preprocessing?

- ☐ A. Data cleansing is a process of filling in missing values, as well as detecting and eliminating noise data and exceptions.
- ☒ B. Data dimension reduction is to prevent dimension explosion by deleting data features.
- ☒ D. Machine learning outputs results through models. Therefore, model training is more important than data preprocessing.
- ☒ C. Data standardization is to reduce noise data and improve model accuracy.

Sorry ! Correct Answer: AC

Multiple choice multiple answer 44/60Question

Arrow keys available to switch questions

44、 Which of the following functions are supported by the HiAI Engine platform?

- ☒ A. Form recognition
- ☒ D. Automatic generation of video thumbnails
- ☒ B. Keyword extraction
- ☒ C. Video summarization

Congratulations! Correct Answer: ABCD

Multiple choice multiple answer 47/60 Question Arrow keys available to switch questions

47. The accuracy of a trained model is high on a training dataset but low on a test dataset. In this case, which of the following operations can be performed?

- ☒ B. Perform data augmentation.
- ☒ C. Add regular terms.
- ☐ A. Use the sigmoid activation function.
- ☐ D. Delete part of the training data.

Congratulations! Correct Answer: BC

Max Score: 1000 points Pass: 600 points Answered: 60/60 Time Left: **00:00:00** Submit

Multiple choice multiple answer 48/60Question

Arrow keys available to switch questions < >

48、 Which of the following statements are false about GANs?

- ☒ A. The discriminator input is mainly noise and real sample data.
- ☐ C. GANs are trained using the BP algorithm.
- ☒ B. GANs are a type of framework. They train the generator and discriminator through an adversarial process.
- ☐ D. The input of the discriminator is mainly sample data provided by the generator.

Sorry ! Correct Answer: AD

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Multiple choice multiple answer 49/60Question

Arrow keys available to switch questions < >

49、 Which of the following are supported by data management on ModelArts?

- ☒ A. A wide range of data formats
- ☒ B. Team labeling
- ☒ C. Intelligent data filtering
- ☒ D. Automatic data migration

Sorry ! Correct Answer: ABC

Max Score: 1000 points Pass: 600 points Answered: 60/60 Time Left: **00:00:00** Submit

Multiple choice multiple answer 51/60Question

Arrow keys available to switch questions < >

51、 Which of the following statements are false about Keras?

- ☒ B. Keras is a neural network development package used to build CNN sequential models. It cannot be used to build other neural networks.
- ☒ C. The neural network model built using Keras must be compiled before data can be input into it for training.
- ☐ A. Like TensorFlow, Keras is a multi-layer neural network development package. However, Keras has simpler syntax and is easier to use.
- ☒ D. Keras can be used as the backend of TensorFlow.

Sorry ! Correct Answer: BD

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57/60Question

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57、 At a convolution layer, there are 128 3×3 kernels and the size of an input feature map is $28 \times 28 \times 64$ (without padding and with a step of 1). So, the depth of the convolution kernels is (). (Fill in the blank with a number.)

(1) 64

Congratulations! Correct Answer: (1) 64

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58/60Question

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58、 The () algorithm (abbreviation) is used when RNN performs backpropagation (BP).

(1) BPTT

Congratulations! Correct Answer: (1) BPTT;bptt

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60/60Question

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60、 ModelArts ExeML is the process of automating model design, parameter tuning, model training, compression, and model deployment, () (requiring or not requiring) coding and model development experience.

(1) not requiring

Congratulations! Correct Answer: (1) not requiring