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Grade	**26.00** out of 30.00 (**87**%)

Question 1

Correct

Mark 1.00 out of 1.00

_____ is a subset of Machine Learning

- a. Deep Learning ✔
- b. Kaggle
- c. Python
- d. MATLAB

Your answer is correct.

The correct answer is:
Deep Learning

Question 2

Correct

Mark 1.00 out of 1.00

Single Layer Perceptron model uses _____ training procedure

- a. Reinforced
- b. Supervised ✔
- c. Recurrent
- d. Un-Supervised

Your answer is correct.

The correct answer is:
Supervised

Question 3

Correct

Mark 1.00 out of 1.00

_____ Training / Learning process group's the unstructured / Unlabeled data based on distinct features available within the data set

- a. Reinforced
- b. Supervised
- c. Back Propagation networks
- d. Unsupervised ✔

Your answer is correct.

The correct answer is:
Unsupervised

Question 4

Correct

Mark 1.00 out of 1.00

In _____ Training, a reward is provided if the output is correct and a penalty is provided for the wrong answer

- a. Supervised
- b. Reinforced ✔
- c. None of the given options
- d. Un-Supervised

Your answer is correct.

The correct answer is:
Reinforced

Question 5

Correct

Mark 1.00 out of 1.00

In the Gradient Descent algorithm, we move in the direction of

- a. Negative of absolute error difference
- b. All of the given options
- c. Same as the direction of gradient
- d. Negative of the gradient ✔

Your answer is correct.

The correct answer is:
Negative of the gradient

Question 6

Correct

Mark 1.00 out of 1.00

_____ regression is a probabilistic model that classifies the instances in terms of probabilities

- a. Linear
- b. Logistic ✔
- c. Polynomial Regression
- d. None of the given options

Your answer is correct.

The correct answer is:
Logistic

Question 7

Correct

Mark 1.00 out of 1.00

_____ is defined as the average of the squared differences between the actual and the predicted values.

- a. Mean Absolute Error
- b. Mean Error
- c. Error
- d. Mean Squared Error ✔

Your answer is correct.

The correct answer is:
Mean Squared Error

Question 8

Incorrect

Mark 0.00 out of 1.00

_____ is a measure of the difference of the randomness between two random variables.

- a. Weight
- b. Entropy ✖
- c. Cross Entropy
- d. MSE

Your answer is incorrect.

The correct answer is:
Cross Entropy

Question 9

Correct

Mark 1.00 out of 1.00

A network with one Hidden layer or very less number of Hidden Layers is called

- a. Shallow Networks ✔
- b. Deep Networks
- c. Kohonan Networks
- d. Biological Neural Network

Your answer is correct.

The correct answer is:
Shallow Networks

Question 10

Correct

Mark 1.00 out of 1.00

_____ function is used to calculate the output response of a neural network

- a. Loss function
- b. Bias
- c. Weight
- d. Activation function ✔

Your answer is correct.

The correct answer is:
Activation function

Question 11

Correct

Mark 1.00 out of 1.00

By the use of Delt Law (Gradient descent) faster convergence can be achieved

Select one:

- True ✔
- False

The correct answer is 'True'.

Question 12

Correct

Mark 1.00 out of 1.00

Weight is the (random value) information, which is used to solve the problem

Select one:

- True ✔
- False

The correct answer is 'True'.

Question 13

Correct

Mark 1.00 out of 1.00

The sigmoidal Activation function is a differentiable function

Select one:

- True ✔
- False

The correct answer is 'True'.

Question 14

Incorrect

Mark 0.00 out of 1.00

Non-Linear problems (Linear inseparable problems) can be solved by using Single-layer Neural Networks

Select one:

- True ✖
- False

The correct answer is 'False'.

Question 15

Correct

Mark 1.00 out of 1.00

Regularization is used to introduce over-fitting

Select one:

- True
- False ✔

The correct answer is 'False'.

Question 16

Correct

Mark 1.00 out of 1.00

In Regularization, Large values for the parameter alpha denotes _____ regularization

- a. More ✔
- b. Less
- c. None of the given options
- d. Average

Your answer is correct.

The correct answer is:
More

Question 17

Correct

Mark 1.00 out of 1.00

L1 regularization attempts to estimate the _____ of data

- a. Median ✔
- b. Mean
- c. Mode
- d. All of the given options

Your answer is correct.

The correct answer is:
Median

Question 18

Correct

Mark 1.00 out of 1.00

L2 regularization is also known as Lasso regularization

Select one:

- True
- False ✔

The correct answer is 'False'.

Question 19

Correct

Mark 1.00 out of 1.00

Iterative first-order optimization algorithm used to find a local minimum or maximum point of a given function is

- a. Supervised algorithm
- b. SVM
- c. Gradient Descent algorithm ✔
- d. Perceptron algorithm

Your answer is correct.

The correct answer is:
Gradient Descent algorithm

Question 20

Correct

Mark 1.00 out of 1.00

Stochastic Gradient Descent is In-Sensitive to feature scaling

Select one:

- True
- False ✔

The correct answer is 'False'.

Question 21

Correct

Mark 1.00 out of 1.00

_____ Regularization is robust to Outliers

- a. L1 Regularization ✔
- b. L2 Regularization
- c. None of the options given
- d. Both L1 & L2 Regularization

Your answer is correct.

The correct answer is:
L1 Regularization

Question 22

Correct

Mark 1.00 out of 1.00

The limitations of Back Propagation procedures are

- a. Temporal Instability
- b. Local Minima
- c. Network Paralysis
- d. All of the given options ✔

Your answer is correct.

The correct answer is:
All of the given options

Question 23

Correct

Mark 1.00 out of 1.00

Which of the following model has the ability to learn?

- a. Perceptron Model ✔
- b. None of the given options
- c. Both MP and Perceptron Models
- d. MP model

Your answer is correct.

The correct answer is:
Perceptron Model

Question 24

Correct

Mark 1.00 out of 1.00

Real-world data are chaotic in nature, Hence Deep Learning networks need tools to handle this chaotic-natured data's.

Select one:

- True ✔
- False

The correct answer is 'True'.

Question 25

Correct

Mark 1.00 out of 1.00

In SVM, Support vectors are the data points that lie closest to the decision boundary surface.

Select one:

- True ✔
- False

The correct answer is 'True'.

Question 26

Incorrect

Mark 0.00 out of 1.00

In Deep Learning Neural Networks _____ step is not needed

- a. Weight updation
- b. Convolution ✖
- c. Feature Engineering
- d. Error Minimization

Your answer is incorrect.

The correct answer is:
Feature Engineering

Question 27

Correct

Mark 1.00 out of 1.00

Ground Truth or Label is needed for a supervised training algorithm

Select one:

- True ✔
- False

The correct answer is 'True'.

Question 28

Correct

Mark 1.00 out of 1.00

With the help of L2 Regularization, we can able to learn complex data patterns

Select one:

- True ✔
- False

The correct answer is 'True'.

Question 29

Incorrect

Mark 0.00 out of 1.00

The process of modifying the weights in the connections between the network's layers with the objective of achieving the expected output are called _____ process

- a. All of the given options ✖
- b. Training
- c. Synaptic Dynamics
- d. Activation Dynamics

Your answer is incorrect.

The correct answer is:
Training

Question 30

Correct

Mark 1.00 out of 1.00

For Clustering applications we can use _____

- a. Reinforced Learning
- b. Supervised Learning
- c. Unsupervised Learning ✔
- d. Fully Automated Learning

Your answer is correct.

The correct answer is:
Unsupervised Learning

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