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Neural Networks MCQ

Practice Best Neural Networks MCQ Test & Online Quiz

We have listed below the best **Neural Networks MCQ Questions**, that check your basic knowledge of Neural Networks. This **Neural Networks MCQ Test** contains 20 Multiple Choice Questions. You have to select the right answer to check your final preparation for the **Neural Networks MCQ Exam/Interviews**. apart from this, you can also download the **Neural Networks MCQ PDF**, completely free from the link given below.

Q1. What is adaline in neural networks?

- A. adaptive line element
- **B. adaptive linear element**
- C. automatic linear element
- D. none of the mentioned

Q2. Which is true for neural networks?

- A. It has set of nodes and connections
- B. Each node computes it's weighted input
- C. Node could be in excited state or non-excited state
- **D. All of the above**

Q3. What are models in neural networks?

- A. representation of biological neural networks
- B. mathematical representation of our understanding
- **C. both first & second**
- D. none of the above

Q4. How many types of Artificial Neural Networks?

- A. 3
- **B. 2**
- C. 4

- D. 5

Q5. What does RNN Stands for?

- A. Recurrent Neural Network
- B. Recurring Neural Network
- C. Removable Neural Network
- D. None of the above

Q6. What is auto-association task in neural networks?

- A. predicting the future inputs
- B. related to storage & recall task
- C. find relation between 2 consecutive inputs
- D. all of the above

Q7. What is plasticity in neural networks?

- A. input pattern has become static
- B. input pattern keeps on changing
- C. output pattern keeps on changing
- D. none of the above

Q8. Signal transmission at synapse is a?

- A. chemical process
- B. physical process
- C. both chemical & physical process
- D. none of the above

Q9. Operations in the neural networks can perform what kind of operations?

- A. parallel
- B. serial
- C. both parallel & serial
- D. none of the above

Q10. A neural network is a network or circuit of neurons.

- **A. True**
- B. False

Q11. Neural networks can be used in different fields. such as -

- A. Classification
- B. Data processing
- C. Compression.
- **D. All of the above**

Q12. What are the types Of Neural Networks?

- A. Feed-forward Neural Network
- B. Radial Basis Functions (RBF) Neural Network
- C. Recurrent Neural Network
- **D. All of the above**

Q13. Which of the following option is not the disadvantage of Recurrent Neural Network?

- A. Training an RNN is quite a challenging task
- **B. Inputs of any length can be processed in this model.**
- C. Exploding and gradient vanishing is common in this model.
- D. It cannot process very long sequences if using 'tanh' or 'relu' as an activation function

Q14. Neural Networks consist of artificial neurons that are similar to the biological model of neurons.

- **A. True**
- B. False

Q15. In which type of neural network, the data is grouped based on its distance from a center point?

- A. Convolution Neural Network

- B. Recurrent Neural Network
- C. Modular Neural Network
- **D. Radial Basis Functions Neural Network**

Q16. The Modular Neural Network (MNN) is a neural network that has main branches.

- **A. 2**
- B. 4
- C. 6
- D. 8

Q17. Artificial Neural Networks are the biologically inspired simulations performed on the computer to perform certain specific tasks like

- A. Clustering
- B. Classification
- C. Pattern Recognition
- **D. All of the above**

Q18. Which of the following Neural Network architectures used for Pattern Recognition?

- A. Multilayer Perceptron
- B. Kohonen SOM
- C. Radial Basis Function Network
- **D. All of the above**

Q19. What are the Advantages of Neural Networks?

- A. It can be performed without any problem
- B. It can be implemented in any application.
- C. A neural network learns and reprogramming is not necessary
- **D. All of the above**

Q20. types of methods are used for implementing hardware for Neural Networks.

- **A. 2**
- B. 3
- C. 4

- **D. 5**

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