



Technical Test Result

DESCRIPTION	STATUS
Attempted Questions	15
Blank Answer	0
Basic Correct	13
Optional Correct	0

1. Which search method takes less memory

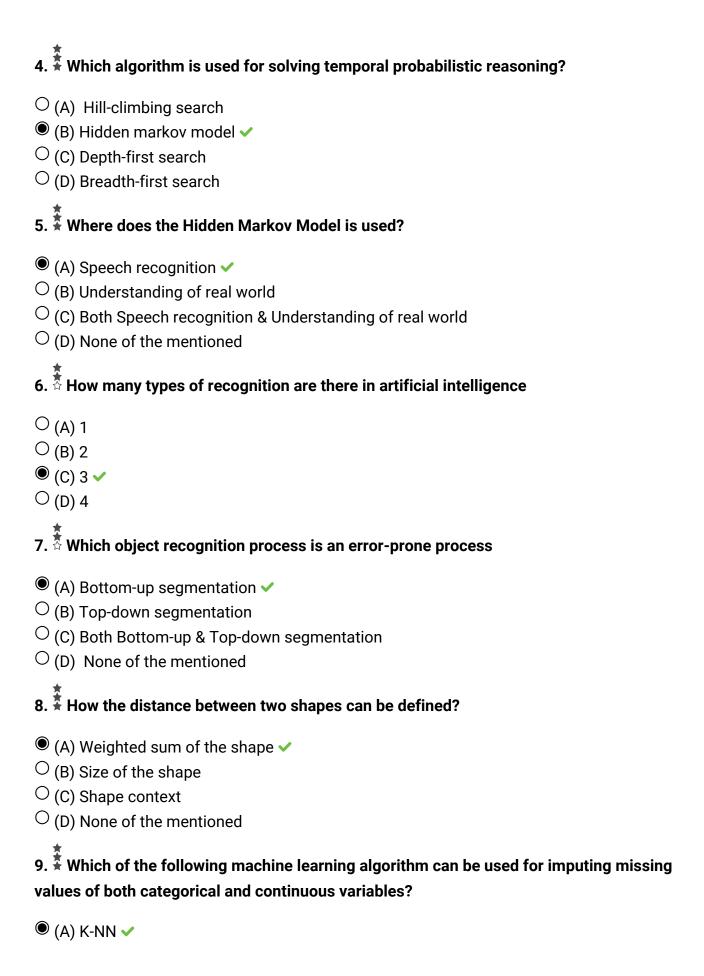
- (A) Depth-First search
- (B) Breadth-First serach 🗸
- O(C) Linear Search
- O(D) Optimal Search

2. What does the bayesian network provides?

- (A) Complete description of the domain 🗸
- \circ (B) Partial description of the domain
- \circ (C) Complete description of the problem
- O(D) None of the mentioned

3. Which condition is used to influence a variable directly by all the others?

- \bigcirc (A) Partially connected
- (B) Fully connected
 ✓
- O(C) Local connected
- O(D) None of the mentioned



○ (B) Linear Regression○ (C) Logistic Regression○ (D)
10. Which of the following statements is true for k-NN classifiers?
 ○ (A) The classification accuracy is better with larger values of k ○ (B) The decision boundary is smoother with smaller values of k ○ (C) The decision boundary is linear ● (D) k-NN does not require an explicit training step
11. When you use the boosting algorithm you always consider the weak learners. Which of the following is the main reason for having weak learners?
 (A) To prevent overfitting (B) To prevent under fitting (C) To prevent overfitting and underfitting (D) None of these
12. A perceptron is:
 (A) a single layer feed-forward neural network with pre-processing ✓ (B) an auto-associative neural network (C) a double layer auto-associative neural network (D) a neural network that contains feedback
13. A 4-input neuron has weights 1, 2, 3 and 4. The transfer function is linear with the constant of proportionality being equal to 2. The inputs are 4, 10, 5 and 20 respectively. The output will be:
(A) 238 ✓(B) 76(C) 119(D) 123
14. What consist of boltzman machine?
$\hfill \bigcirc$ (A) fully connected network with both hidden and visible units $\hfill \bigcirc$ (B) asynchronous operation

- (C) stochastic update
 (D) all of the mentioned ✓
 15. One of the main challenge/s of NLP Is _
 (A) Handling Ambiguity of Sentences ✓
- \bigcirc (B) Handling Tokenization
- O(C) Handling POS-Tagging
- (D) All of the mentioned