# **18 Lecture - CS101**

## **Important Mcqs**

## 1. What is the goal of artificial intelligence?

- a) To create machines that can think and act like humans
- b) To replace humans in all areas of work
- c) To dominate the world

## Answer: a) To create machines that can think and act like humans

## 2. What is machine learning?

- a) The process of programming machines to do specific tasks
- b) The process of teaching machines to learn from data
- c) The process of building machines from scratch

#### Answer: b) The process of teaching machines to learn from data

## 3. What is deep learning?

- a) A type of machine learning that uses neural networks with many layers
- b) A type of machine learning that uses decision trees
- c) A type of machine learning that uses clustering algorithms

## Answer: a) A type of machine learning that uses neural networks with many layers

#### 4. What is natural language processing?

- a) The process of teaching machines to understand human language
- b) The process of teaching machines to speak human language
- c) The process of teaching humans to speak machine language

#### Answer: a) The process of teaching machines to understand human language

#### 5. What is computer vision?

- a) The process of teaching machines to see like humans
- b) The process of teaching machines to hear like humans
- c) The process of teaching machines to smell like humans

#### Answer: a) The process of teaching machines to see like humans

#### 6. Which of the following is an example of supervised learning?

- a) Clustering
- b) Regression
- c) Reinforcement learning

## Answer: b) Regression

## 7. Which of the following is an example of unsupervised learning?

- a) Clustering
- b) Regression
- c) Reinforcement learning

#### Answer: a) Clustering

## 8. Which of the following is an example of reinforcement learning?

- a) Clustering
- b) Regression
- c) Playing a game of chess

## Answer: c) Playing a game of chess

## 9. What is the Turing test?

- a) A test to determine if a machine can exhibit intelligent behavior equivalent to, or indistinguishable from, that of a human
- b) A test to determine if a human can exhibit intelligent behavior equivalent to, or indistinguishable from, that of a machine
- c) A test to determine if a machine can feel emotions like a human

Answer: a) A test to determine if a machine can exhibit intelligent behavior equivalent to, or indistinguishable from, that of a human

## 10. Which of the following is NOT a potential application of artificial intelligence?

- a) Medical diagnosis
- b) Autonomous driving
- c) Teleportation

**Answer: c) Teleportation**