

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