30 Lecture - CS101

Important Mcqs

- 1. Which of the following is the primary use of microphones in computer science?
 - a) Video editing
 - b) Speech recognition
 - c) Graphic design
 - d) Coding

Answer: b) Speech recognition

- 2. What is the name of the technology that allows users to interact with devices using spoken commands?
 - a) Voice recognition
 - b) Speech recognition
 - c) Voice control
 - d) Sound analysis

Answer: c) Voice control

- 3. Which type of microphone is commonly used in music recording due to its ability to capture sound details?
 - a) Dynamic microphone
 - b) Condenser microphone
 - c) Ribbon microphone
 - d) Carbon microphone

Answer: b) Condenser microphone

- 4. What is acoustic imaging?
 - a) A technique that captures and analyzes sound waves to gain insights into various phenomena
 - b) A technique that captures and analyzes light waves to gain insights into various phenomena
 - c) A technique that captures and analyzes radio waves to gain insights into various phenomena
 - d) A technique that captures and analyzes magnetic waves to gain insights into various phenomena

Answer: a) A technique that captures and analyzes sound waves to gain insights into various phenomena

- 5. How does the microphone impact the overall sound quality of a recording in music production?
 - a) Microphones have no impact on sound quality
 - b) Microphones have a small impact on sound quality
 - c) Microphones have a significant impact on sound quality
 - d) Microphones have a negligible impact on sound quality

Answer: c) Microphones have a significant impact on sound quality

- 6. What is the purpose of noise-canceling technology in microphones?
 - a) To add background noise to improve overall sound quality
 - b) To filter out background noise to improve overall sound quality
 - c) To amplify background noise to improve overall sound quality
 - d) To distort background noise to improve overall sound quality

Answer: b) To filter out background noise to improve overall sound quality

- 7. What is the role of microphones in teleconferencing and video conferencing applications?
 - a) To capture the sound of participants' voices
 - b) To capture the sound of the environment
 - c) To capture the sound of music
 - d) To capture the sound of animals

Answer: a) To capture the sound of participants' voices

- 8. What is the significance of choosing the right microphone in speech recognition and voice control applications?
 - a) The accuracy and reliability of the technology depend on the quality of the microphone
 - b) The accuracy and reliability of the technology do not depend on the quality of the microphone
 - c) The accuracy and reliability of the technology depend on the color of the microphone
 - d) The accuracy and reliability of the technology depend on the price of the microphone

Answer: a) The accuracy and reliability of the technology depend on the quality of the microphone

- 9. What is the significance of microphones in environmental monitoring?
 - a) To capture the sound of the environment
 - b) To capture the sound of music
 - c) To capture the sound of participants' voices
 - d) To capture the sound of animals

Answer: d) To capture the sound of animals

- 10. What is the role of microphones in virtual and augmented reality applications?
 - a) To capture the sound of participants' voices
 - b) To capture the sound of the environment
 - c) To capture the sound of music
 - d) To capture the sound of animals

Answer: b) To capture the sound of the environment