

Computer Science 9th Class English Medium Chapter 10 Online Test

Sr	Questions	Answers Choice
1	What is a potential disadvantage of AI according to the information provided?	A. Lowered Costs B. Reduced job loss C. Creativity limitations D. Enhanced emotional capabilities
2	How does AI contribute to improving healthcare, as mentioned in the information?	A. AI prevents doctors from making any errors during surgeries B. AI has no influence on healthcare advancement C. AI helps in making new discoveries such as detecting breast cancer earlier D. AI is used solely for automating repetitive tasks in healthcare.
3	What is the significant concern regarding the usage of AI in relation to privacy?	A. AI has no access to personal data B. AI cannot be used for surveillance purpose C. AI might access private information causing worries about who can use it and how D. AI systems are always transparent about data usage
4	Which principle is suggested for the ethical design of AI algorithm to ensure trust in technology?	A. Maintain secrecy and non disclosure B. Prioritize user control and customization C. Avoid providing transparency in algorithm operations D. Disregard fairness and bias mitigation
5	What potential problem arises due to the lack of transparency in AI decision making?	A. Enhance user trust in AI B. Clear understanding of the AI decision making process C. Difficulty in understanding why certain choices are made D. Increased efficiency in healthcare and law enforcement
6	What is the major ethical concern associated with the use of deep fakes.	A. Enhancing security measures B. Deceiving people especially in politics or finance C. Creating realistic and factual video D. Improving information accuracy
7	In what scenario is AI most likely to contribute to spreading misinformation?	A. AI used for secure data storage B. AI incorporated in healthcare systems C. AI used on social media platform D. AI aiding law enforcement agencies
8	In which area of AI is facial recognition technology commonly used.	A. Expert system B. Speech recognition C. Computer vision D. Natural language processing
9	What is the role of AI in drug discovery in the healthcare industry.	A. AI accelerates drug discovery through predictive modeling B. AI enhances medical imaging for diagnoses C. AI assists in remote patients monitoring D. AI streamlines medical billing processes
10	What is the primary goal of natural language processing in the field of AI?	A. Identifying patterns in visual data B. Understanding and generating human language C. Recognizing facial expressions D. Analyzing sensor data
		A. Speech recognition B. Image classification

11	In computer vision which task involves identifying and locating objects within an image?	B. Image classification C. Language translation D. Object detection
12	How does AI contribute to the gaming industry? Which aspect of AI is responsible for customizing the gaming experience for players.	A. AI generate life like NPCs and deep learning is responsible for customization B. AI generate graphics quality, and supervised learning customizes the gaming experience C. AI improves game physics, and natural language processing customizes the gaming experience. D. AI create in game content and reinforcement learning customizes the gaming experience
13	Which of the following describes a common application of AI in customer service.	A. AI predicting financial trends B. AI generating automated responses through chatbots C. AI analyzing satellite images D. AI creating personalized advertisements
14	In what way can AI be used to improve manufacturing processes?	A. AI generating design pattern B. AI automating assembly line and quality control C. AI translating technical documents D. AI creating marketing strategies
15	What is a key concern about using AI for hiring and recruitment	A. AI might reduce job loss B. AI might reduce or amplify biases in hiring decisions C. AI could lower the cost of recruitment D. AI could improve workplace diversity
16	How does AI contribute to the field of cybersecurity.	A. AI automates repetitive administrative tasks B. AI enhances threat detection and response C. AI manages customer interactions D. AI monitors physical security systems
17	In what ways does AI help e-commerce companies.	A. AI Improve website load times B. AI create personalized product recommendations C. AI manages inventory in physical stores D. AI develops new manufacturing techniques
18	What is a primary feature of infrastructure as a Service in cloud computing.	A. Offering virtualized hardware resources like servers and storage B. Providing a complete software solution for customers C. Managing all aspects of company's IT infrastructure D. Delivering specific applications over the internet
19	Which of the following describes a benefit of using Software as a service .	A. Users need to maintain their own software installations B. Ability to customize underlying infrastructure C. Software is hosted and managed by a third party D. Ability to customize underlying infrastructures
20	Instant answers to website visitors questions through text or voice interaction are provided by.	A. Robot B. Cloud computing C. Chatbot D. Expert system
21	The AI tool used for correcting spelling and grammar mistakes is.	A. Grammarly B. ChatGPT C. Lovo AI D. Virtual assistant
22	Virtual assistant that belong to Apple Inc. is	A. Alexa B. Siri C. Google assistant D. Cortana
23	The AI tool that converts text to speech is	A. Lovo AI B. Grammarly C. Chat GPT

		C. Chatbot D. Alexa
24	The technology used in self driving cars is called.	A. Natural language processing B. Chatbot C. Computer vision D. Virtual assistant
25	The technology concerned with training the computer to understand spoken and written words and to take action is known as.	A. Virtual training B. Natural language processing C. Virtual Assistant D. Language analysis
26	The technology concerned with performing specific tasks with little or no human intervention using computer controlled machine is called.	A. Robotics B. Computer vision C. Virtual technology D. Computer intelligence
27	Which of the following is not a subfield of AI?	A. Machine learning B. Natural Language Processing C. Robotics D. Computer Vision
28	Which of these AI algorithms is considered an explainable model.	A. Neural Networks B. Random Forests C. Decision Trees D. Convolutional Neural Networks
29	Which of these is a security concern in IoT deployments.	A. Device vulnerability B. Data Privacy C. Lack of standardization D. All of the above
30	Which of the following is an application of AI in healthcare.	A. Personalized drug development B. Automated diagnosis C. Remote patient monitoring D. All of the above
31	What is the primary purpose of using AI Techniques in machine learning models?	A. To improve accuracy B. To enhance interpretability C. To reduce computational complexity D. All of the above
32	What is the key difference between explainable and unexplainable AI models.	A. The training data used B. The performance of the model C. The ability to understand the decision making process D. The complexity of the model
33	Which of the following is an application of IoT in the transportation domain.	A. Smart traffic management B. Vehicle to vehicle communication C. Predictive maintenance of vehicles D. All of the above
34	Which of these is a potential impact of AI and IoT on the job market.	A. Job displacement due to automation B. Increased demand for specialized skills C. Transformation of job roles and responsibilities D. All of the above
35	What is the key concern associated with algorithmic bias in AI powered decision making processes.	A. Lack of transparency B. Perpetuation of existing societal biases C. Reduced accuracy of the model D. All of the above
36	Which of the following is an ethical principle that should be considered in the development and deployment of AI and IoT technology	A. Transparency and accountability B. Respect for privacy and data rights C. Fairness and non discrimination D. All of the above