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. Creaivity limitations D. Enhanced emotional capabilities
2	How does AI conribute to improving healthcae, as mentioned in the information	A. AI prevents doctors from making any erros during surgeries B. AI ha no influene on healthcare advancement C. AI helps in makig new discoveries such as detecting breast cancer earlier D. AI is used soiety for automationg repetitive takes in healthcres.
3	What is the significnat concern regarding the usag of AI in relaion to privacy?	A. AI has no access to personal data B. Ai cannot be used for surveillance purpose C. AI might access private informaton causing worries about who can use it and how D. AI system are always tranparent about data usage
4	Which principle is suggestd for the ethical design of AI algorithm to ensure trust in technology?	A. Maintain secrecy and non disclosure B. Prioritize use control nd customization C. Avoid provding 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 understnding of the AI decision making process C. Difficulty in undrstanding 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 faskes.	A. Enhancing securiyt meaasures 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 spreaidng misinformation ?	A. AI used for secure data storage B. AI incorporated in healthcare systems C. AI used on social medial platform D. AI aiding law enforcement agencies
8	In which are of AI is facial recognition technolgy commonly used.	A. Expert system B. Speech recognition C. Computer vision D. Natrual langauge processing
9	What is the role of AI in drug discovery in the healthcare industry.	A. AI accelerates drug discovery through predictive modelipng B. AI enhance medical imaging for diagnoses C. AI assists in remote patients monitoring D. AI streamlines medicalbilllig processes
10	What is primary goal of natural language processing in the field of AI?	A. Identifying patterns in visual data B. Understing and generating human langauge C. Recognizing facial expressions D. Analyzing sensor data
		A. Speech recognition B. Image classification

11	In computer vision which task involves identifyng and locting objects within an image?	B. Image classification C. Langauge translation **D. Object detection**
12	How does AI contribute to the gaming industry? Which aspect of AI is responsible fo rcustomizing the gaming experience for players.	A. AI generate life like NPCs and deep learning is responsible for customization B. AI generae graphics quality, and supervised learning customizes the gaming expirence C. AI improves game physics, and natural langauge processing customizes the gaming exprence. **D. AI create in game content and reinforcement learnign customizes the gaming experience**
13	Which of the following describes a common application of AI in customer service.	A. AI predicting finaicial 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 hiringand 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 repetitve administrative tasks **B. AI enhances threat detection and response** C. al manages customer interactions D. AI monitors physical security systems
17	In what ways does AI help e-commerce compaines.	A. AI Improve websie load times **B. AI create personalized product recommendations** C. AI manages inventry in physical stores D. AI develops new manufactruing techniques
18	What is a primary feature of infrastructur eas a Service in clud computing.	**A. Offering virtualized hardware resources like servers and storage** B. Providing a complete software solutiong for customers C. Manageing 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 infracstructure **C. Software in hosted and managed by a third party** D. Ability to customize underlying infrastures
20	Instant answers to website visitors questions through text or voice interactin are provided by.	A. Robot B. Cloud computing **C. Chatbot** D. Expert system
21	The AI tol used for correcting spelling ad 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

24	The technology used in self driving cars is called.	A. Natural langauge 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 humna intervention using computer controlled machine in 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 Lanaguage 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 concer in IoTdeployments.	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 healtcare.	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 computaational complexity D. All of the above
32	What is the key difference between explainable and unexplanable AI models.	A. The trainign 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 follow following is an application of IoT in the transportation domain.	A. Smart traffic managment B. Vehiccle 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 displacment 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 socieal biases C. Reduced accuracy of the model D. All of the above
36	Which of the following is an ethical pricniple that should be considered in the development and deployement of AI and Iot technology	A. Transparency and accountability B. Respect for priacy and data rights C. Fairness and non discrimination D. All of the above