

Emerging Technologies in Computer Science

Sr	Questions	Answers Choice
1	In what ways does AI help e-commerce compaines.	A. AI Improve websie load times B. AI create personalized product recommendations C. AI manages inventory in physical stores D. AI develops new manufactruing techniques
2	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
3	Which of these AI algorithms is considered an explainable model.	A. Neural Networks B. Random Forests C. Decision Trees D. Convolutional Neural Networks
4	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
5	Which of the follw 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
6	The technology used in self driving cars is called.	A. Natural langauge processing B. Chatbot C. Computer vision D. Virtual assistant
7	Virtual assistant that belong to Apple Inc.is	A. Alexa B. Siri C. Google assistant D. Cortana
8	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
9	Instant answers to website visitors questions through text or voice interactin are provided by.	A. Robot B. Cloud computing C. Chatbot D. Expert system
10	How does AI contribute 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 automating repetitive takes in healthcres.
11	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
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 generaee graphics quality, and supervised learning customizes the gaming expreience C. AI improves game physics, and natural langauge processing customizes the gaming expreience. D. AI create in game content and reinforcement learning customizes

13	Which of these is a potential impact of AI and IoT on the job market.	<p>A. Job displacment due to automation</p> <p>B. Increased demand for specialized skills</p> <p>C. Transformation of job roles and responsibilities</p> <p>D. All of the above</p>
14	Which principle is suggestd for the ethical design of AI algorithm to ensure trust in technology?	<p>A. Maintain secrecy and non disclosure</p> <p>B. Prioritize use control nd customization</p> <p>C. Avoid provding transparency in algorithm operations</p> <p>D. Disregard fairness and bias mitigation</p>
15	Which of the following is not a subfield of AI?	<p>A. Machine learning</p> <p>B. Natural Lanaguage Processing</p> <p>C. Robotics</p> <p>D. Computer Vision</p>
16	In which are of AI is facial recognition technolgy commonly used.	<p>A. Expert system</p> <p>B. Speech recognition</p> <p>C. Computer vision</p> <p>D. Natrual langauge processing</p>
17	In what scenario is AI most likely to contribute to spreadng misinformation ?	<p>A. AI used for secure data storage</p> <p>B. AI incorporated in healthcare systems</p> <p>C. AI used on social medial platform</p> <p>D. AI aiding law enforcement agencies</p>
18	What potential problem arises due to the lack of transparency in AI decision making?	<p>A. Enhance user trust in AI</p> <p>B. Clear understndg of the AI decision making process</p> <p>C. Difficulty in undrstanding why certain choices are made</p> <p>D. Increased efficiency in healthcare and law enforcement</p>
19	What is the role of AI in drug discovery in the healthcare industry.	<p>A. AI accelerates drug discovery through predictive modelipng</p> <p>B. AI enhance medical imaging for diagnoses</p> <p>C. AI assists in remote patients monitoring</p> <p>D. AI streamlines medicalbilllig processes</p>
20	The AI tool that converts text to speech is	<p>A. Lovo AI</p> <p>B. Grammarly</p> <p>C. Chat GPT</p> <p>D. Alexa</p>