Computer Science 9th Class English Medium Chapter 10 Online Test

Sr	Questions	Answers Choice
1	Which of the following is an ethical pricniple that should be considered in the development and deployement of AI and lot technology	A. Transparency and accountability B. Respect for priacy and data rights C. Fairness and non discrimination D. All of the above
2	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
3	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
4	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
5	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
6	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
7	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
8	Which of these is a security concer in IoTdeployments.	A. Device vulnerability B. Data Privacy C. Lack of standardization D. All of the above
9	Which of these AI algorithms is considered an explainable model.	A. Neural Networks B. Random Forests C. Decision Trees D. Convolutional Neural Networks
10	Which of the following is not a subfield of AI?	A. Machine learning B. Natural Lanaguage Processing C. Robotics D. Computer Vision
11	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
12	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