

Q.2 Answer the following questions on AI ethics and applications: (a) What are the key ethical concerns in AI decision-making systems? Cite examples. (b) Discuss the role of bias in AI models. How can we mitigate it? (c) Explain how reinforcement learning is used in robotics. Provide a practical example. (d) AI is being increasingly used in healthcare. Discuss its benefits and potential risks. (e) Autonomous vehicles rely heavily on AI. What are the primary challenges they face? [15]