

PART TWO

Information Technology Technical Question

3 mins

In this part of the exam, you will talk about the **Future of Information Technology**. The following ideas will help you.

- How do you think AI will impact various industries, such as healthcare, transportation, or education?
- How will AI influence your own life in the future?
- Can you discuss the potential risks and benefits of AI.

2A



2B



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- How do you think AI will impact various industries, such as healthcare, transportation, or education?
 - **Healthcare:** AI is transforming healthcare by improving diagnostic accuracy, personalizing treatment plans, and streamlining administrative tasks. For instance, AI algorithms can analyse medical images to detect diseases like cancer at earlier stages.
 - **Transportation:** AI is enhancing safety and efficiency. Autonomous vehicles. AI is also used in traffic management systems to optimize traffic flow and reduce congestion.
 - **Education:** AI in education offers personalized learning experiences, helping students learn at their own pace. AI can assist teachers by automating administrative tasks.

- How will AI influence your own life in the future?

Virtual assistants helping with daily tasks. Personalized recommendations for entertainment and shopping. Also help with personal finances and health, making life more convenient and efficient.

- Can you discuss the potential risks and benefits of AI.

Benefits:

- **Efficiency and Productivity:** AI can automate repetitive tasks, freeing up time for more complex and creative work.
- **Improved Decision-Making:** AI can analyse vast amounts of data quickly, providing insights that can lead to better decision-making.
- **Enhanced Personalization:** AI can tailor experiences and services to individual preferences.

Risks:

- **Job Displacement:** Automation could lead to job losses in certain sectors, requiring workers to adapt and learn new skills.
- **Privacy Concerns:** The use of AI involves collecting and analysing large amounts of personal data, raising concerns about data security and privacy.
- **Bias and Fairness:** AI systems can perpetuate existing biases if not properly managed, leading to unfair outcomes.



2A



2B