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GUIDE

GRADE 10

INFORMATION TECHNOLOGY

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A. Paper structure for the olympiad

Multiple Choice questions.

B. How it aligns with the curriculum?

CAPS topics including:

- Solution Development
- Communication Technologies
- System Technologies
- Internet Technologies
- Data and Information Management
- Social Implications

C. How it goes beyond?

The olympiad includes some general knowledge questions based on information technology, trends, and general programming skills.

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D. Sample questions

1. Multiple Choice Questions

1. What is the primary role of antivirus software?
   - A To connect to the internet
   - B To protect a computer from malware
   - C To manage hardware components
   - D To create backups (1)

2. Which file extension is commonly used for compressed files?
   - A .jpg
   - B .zip
   - C .docx
   - D .exe (1)

3. What is phishing often used for?
   - A Delivering spam emails
   - B Stealing personal information
   - C Installing software
   - D Connecting to networks (1)

4. What is a flowchart?
   - A A type of network protocol
   - B A graphical representation of an algorithm
   - C A programming language
   - D A data storage method (1)

5. Which statement correctly defines a prime number?
   - A A number divisible by 2
   - B A number divisible only by 1 and itself
   - C A number with more than two divisors
   - D A number divisible by any other number (1)