## Chapter 3 – Computers in Society

1) Explain one way in which computers can benefit an organization

2) Explain how a Robot network or Botnet is formed

3) Describe **one** way in which computer virus spreads

4) Identify ways to protect computer security

5) What is an information society?

6) **Define the term:**

   Ethics, computer ethics, spyware, encryption, phishing

7) Give **two** reasons why it is difficult to detect computer crime?

8) Differentiate between hacker and cracker.

9) Explain two reasons as to how computer crimes have increased.

10) Explain what Computerization of society is and list the two trends which led to Computerization of society.

11) State the function of GPS in relation to transportation?

12) State the benefit of internet banking system?

13) Explain expert system? Give an example

14) How data in a database can be misused?

15) List different types of malware?

16) How can an employee restrict access to others?

17) What is possessed object? Give an example?

18) State the role of Helpdesk support professionals?

19) Explain how an organisation can benefit from a hacker's harmless intrusion into a computer system?

20) Importance of installing biometric security in your organisation?

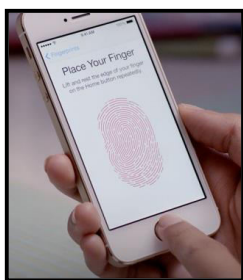21) Use the diagrams given below to answer the questions that follow.



**Diagram A**



**Diagram B**

*Source: Google Image Search*

(i) Which **principal measure** is used in both the diagrams above to secure computing resources?

(ii) Name the security measure used in Diagram A and Diagram B.

(iii) State the **difference** between the security measures used in **Diagram A** and **Diagram B**.

(iv) Identify **one building** where these security measures are mostly used.

## ESSAY

**Write an essay of <u>200 – 250</u> words to answer the questions.**

## QUESTION 1

*Computer technology and its application are vital today.*

With reference to the above statement, discuss:

- what is meant by **Computerization of Society**;
- **two** related trends that have led to the Computerization of Society;
- **three** positive social impacts of Computerization of Society; and
- **two** negative social impacts of Computerization of Society.

## QUESTION 2

**In recent years, the explosion in the use of networks and the internet has created a new avenue for computer viruses to spread at a rapid rate.**

With reference to the above statement, discuss the following:

- What are computer viruses and give two examples
- Three ways in which computer viruses are activated
- Two harmful effects of computer viruses
- Two ways of protecting computers from viruses

## QUESTION 3

**Computer crime is also becoming a common sight in Fiji.**

With reference to the above statement, discuss the following:
- ❖ Define what computer crime is **(2 marks)**
- ❖ Discuss **three** reasons for the increase in computer crime **(3 marks)**
- ❖ Discuss **four** reasons why it is difficult to detect computer crime. **(4 marks)**