

## ATTACH QUESTION PAPER

### QUESTION 1

Define the following terms as applied in Cybersecurity and Ethics:

- a) Ethics
- b) Networked communication
- c) Information privacy
- d) Professional ethics
- e) IT audit

[10 marks]

### QUESTION 2

There is a poor internet facility at an institution and all students and staff members are not happy about it. Given the scenario, justify their discomfort using the theory of utilitarianism and its principles.

[10 marks]

### QUESTION 3

- i. The government of Zimbabwe has come up with the data protection and cyber security Bill. Explain any five (5) benefits of implementing this bill. [10 marks]
- ii. Outline circumstances that would regard whistle blowing justifiable. [5 marks]
- iii. Explain the benefits of online privacy

[5]



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### QUESTION 1

- a) Describe five (5) elements of an information security policy. [10 marks]
- b) Explain the importance of intellectual property rights [4 marks]
- c) Explain four steps of securing a web server [8 marks]
- d) Outline six ways to prevent identity theft [6 marks]

### Question 2

- i. Describe Network intrusion detection system [8 marks]
- ii. State and explain three classes of intruders [12 marks]

### Question 3

- a) Discuss VPN [2 marks]
- b) Explain WAF [2 marks]
- c) Define the term residual risk and state any (3) three ways to deal with risk [6 marks]



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**DBASE THEORY2 8/06/23**

**WRITE DETAILED NOTES ON THE FOLLOWING:**

- A. recovery
- B. data security
- C. data integrity
- D. recovery routines
- E. backup routines
- F. audit trails
- G. encryption
- H. different types of backup
- I. login types
- J. mirroring

total mark =100%