<u>eSecurity - 2022 IT AS 9626</u>

1. Nov/2022/Paper_11/No.2

Sandeep works for a company which uses software to help protect its computer systems against malware. The company is looking for additional ways to minimise the effects of malware. Sandeep and the other workers have already been advised on good practice when logging on and how to use emails safely.

Describe other methods the company can instruct prevented from entering its computer systems.	workers to use so that malware can be
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Palpa.	[4]

Companies who store the personal data of individuals use a number of methods to prevent illegal access to this data.
Apart from preventing illegal access, suggest other methods companies can use to protect the confidentiality of this data.
[5]

2. Nov/2022/Paper_11/No.10

(a)	Describe two differences between phishing and vishing.
	[4]
(b)	Describe how smishing is used to obtain personal data.

Phishing, smishing and vishing are methods of fraudulently obtaining personal data.

3. Nov/2022/Paper_12/No.3

(a)	Explain how malware can be used to carry out industrial espionage.
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	[4]
(b)	A rootkit is a type of malware.
(~)	Describe the features of a rootkit.
	Describe the reduies of a rootkit.
	[4]

4. Nov/2022/Paper_12/No.7

Hackers often use malware to attack the computer networks of large organisations.
Analyse the consequences of this for organisations.
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[8

5. Nov/2022/Paper_13/No.9

Mar	ny companies store the personal data of their workers electronically.
(a)	Describe what is meant by the term 'personal data'.
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(b)	Describe the methods that could be used to attempt to prevent unauthorised access to this personal data.
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6. Nov/2022/Paper_13/No.11

When personal data is sent across the internet, it is often encrypted.	
Analyse the encryption of personal data when it is sent across the internet.	
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7. June/2022/Paper_11/No.3

Pharming is a method used by hackers to obtain information from bank customers.		
(a)	Explain what is meant by pharming.	
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(b)	Describe three methods a customer could use to minimise the risk of becoming a victim o pharming.	

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	[3]	

8. June/2022/Paper_11/No.3

Pharming is a method used by hackers to obtain information from bank customers.	
(a)	Explain what is meant by pharming.
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(b)	Describe three methods a customer could use to minimise the risk of becoming a victim o
	pharming.
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9. June/2022/Paper_12/No.8

10. June/2022/Paper_13/No.3 Wei is trying to minimise the effects of malware on her computer system. Describe the types of software Wei would need and how she could use them to help prevent malware affecting her computer system.

11. June/2022/Paper_13/No.6 Wei is trying to minimise the effects of malware on her computer system. Describe the types of software Wei would need and how she could us malware affecting her computer system.

Describe the types of software Wei walware affecting her computer system	m.			
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emails should use several different methods to prevent phishing attacks.
Evaluate the different methods which can be used to prevent phishing.

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Phishing is an attempt by fraudsters to gather personal information using email. Receivers of

12. March/2022/Paper_12/No.8

пас	exers sometimes commit traud after causing spyware to be installed on other users, computers
(a)	Describe what is meant by the term 'spyware'.
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(b)	Explain how a hacker uses the information gained from spyware to commit fraud.
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13. March/2022/Paper_12/No.9