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| LOGO.jpg | **GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY**  (**AN AUTONOMOUS INSTITUTION**)  **(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)**  **(Accredited byNAACwith“A”Grade, NBA (EEE,ECE&ME)&ISO9001:2008CertifiedInstitution)** |
| **QUESTIONBANK(DESCRIPTIVE)**  **Subject Name with Code: CYBER SECURITY (22A0534a)**  **Course & Branch: B.Tech& CYBER SECURITY**  **Year& Semester: III &I Regulation: RG22** | |

**UNIT - I**

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| **S.No.** | **Question** | **[BT Level] [CO][ Marks]** |
| **2 Marks Questions (Short)** | | |
|  | Define cyber security | **[BT1][CO1][2]** |
|  | Define cyber crime | **[BT1][CO1][2]** |
|  | What is an information security | **[BT2][CO1][2]** |
|  | What is hacking | **[BT2][CO1][2]** |
|  | What is web jacking | **[BT2][CO1][2]** |
|  | Define digital signature | **[BT1][CO1][2]** |
|  | What is email spoofing | **[BT2][CO1][2]** |
|  | Define spamming | **[BT1][CO1][2]** |
|  | What is email bombing | **[BT2][CO1][2]** |
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| **Descriptive Questions (Long)** | | |
|  | Define the cyber criminals? Explain the types of cyber criminals. | **[BT1][CO1][10]** |
|  | Define cyber crime? Explain classification of cyber crime. | **[BT1][CO1][10]** |
|  | What is the Legal perspective of cyber crime. | **[BT2][CO1][10]** |
|  | What is information technology Act 2000? Explain the features of the information technology Act. | **[BT2][CO1][10]** |
|  | Discuss Indian perspectives on cyber crimes. | **[BT2][CO1][10]** |
|  | Explain global perspectives on cyber crime. | **[BT2][CO1][10]** |
|  | Explain cyber crime information security . | **[BT2][CO1][10]** |
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**UNIT - II**

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| **S.No.** | **Question** | **[BT Level] [CO][ Marks]** |
| **2 Marks Questions (Short)** | | |
|  | Define social Engineering? | **[BT1][CO2][2]** |
|  | What is cyber stalking? | **[BT2][CO2][2]** |
|  | What is cyber café ? | **[BT2][CO2][2]** |
|  | What is an attack vector ? | **[BT2][CO2][2]** |
|  | Define steganography? | **[BT1][CO2][2]** |
|  | What is active attack. | **[BT2][CO2][2]** |
|  | What is passive attack. | **[BT2][CO2][2]** |
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| **Descriptive Questions (Long)** | | |
|  | Illustrate how cyber criminals plan cyber attacks. | **[BT3][CO2][10]** |
|  | Define social Engineering ? Explain classification of social Engineering | **[BT1][CO2][10]** |
|  | What is cyber stalking ? Explain various types of stalkers | **[BT2][CO2][10]** |
|  | Explain cyber cafe and cyber crime. | **[BT2][CO2][10]** |
|  | Describe attack vector | **[BT2][CO2][10]** |
|  | Explain SQL Injection? | **[BT2][CO2][10]** |
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**UNIT - III**

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| **S.No.** | **Question** | **[BT Level] [CO][ Marks]** |
| **2 Marks Questions (Short)** | | |
|  | What are the mobility types. | **[BT2][CO3][2]** |
|  | What kinds of attacks are possible on mobiles | **[BT2][CO3][2]** |
|  | What kinds of cyber security measures on organizations | **[BT2][CO3][2]** |
|  | Define RAS security | **[BT1][CO3][2]** |
|  | What is LDAP Security | **[BT2][CO3][2]** |
|  | Define mishing | **[BT1][CO3][2]** |
|  | Define vising | **[BT1][CO3][2]** |
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| **Descriptive Questions (Long)** | | |
|  | Explain proliferation of mobile and wireless devices | **[BT2][CO3][10]** |
|  | Brief describe credit card frauds in mobile and wireless computing and its types | **[BT2][CO3][10]** |
|  | Explain Authentication Service Security? | **[BT2][CO3][10]** |
|  | Explain types of Mobile phone attaks. | **[BT2][CO3][10]** |
|  | Explain Scurity implications for organizations? | **[BT2][CO3][10]** |
|  | Describe Organization Measures for Handling Mobile. | **[BT2][CO3][10]** |
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**UNIT - IV**

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| **S.No.** | **Question** | **[BT Level] [CO][ Marks]** |
| **2 Marks Questions (Short)** | | |
|  | What is Virus | **[BT2][CO4][2]** |
|  | What is the difference between proxy server and anonymizer | **[BT2][CO4][2]** |
|  | What is the difference between DOS and DDOS | **[BT2][CO4][2]** |
|  | Define Phishing | **[BT1][CO4][2]** |
|  | What is backdoor | **[BT2][CO4][2]** |
|  | What is Trojan Horse | **[BT2][CO4][2]** |
|  | What is blue jockey | **[BT2][CO4][2]** |
|  | Define blue bugging | **[BT2][CO4][2]** |
|  |  | **[BT1][CO4][2]** |
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| **Descriptive Questions (Long)** | | |
|  | Explain keyloggers and spywares | **[BT2][CO4][10]** |
|  | Draw a neat sketch and explain various virus and worms and its types. | **[BT4][CO4][10]** |
|  | Explain the types of DOS attacks. | **[BT2][CO4][10]** |
|  | Explain the types of buffer overflows attacks. | **[BT2][CO4][10]** |
|  | Describe attacks on wires networks. | **[BT2][CO4][10]** |
|  | Describe proxy servers and Anonymizers? | **[BT2][CO4][10]** |
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**UNIT - V**

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| **S.No.** | **Question** | **[BT Level] [CO][ Marks]** |
| **2 Marks Questions (Short)** | | |
|  | What is a security breach | **[BT2][CO5][2]** |
|  | What is meant by insiderthreat | **[BT2][CO5][2]** |
|  | Mention any two best practices to be followed while using social marketing tools | **[BT3][CO5][2]** |
|  | Define firewall | **[BT1][CO5][2]** |
|  | What is importance of data privacy | **[BT2][CO6][2]** |
|  | What are the challenges in controlling access to web applications. | **[BT2][CO6][2]** |
|  | What is Bandwidth wastage issues. | **[BT2][CO6][2]** |
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| **Descriptive Questions (Long)** | | |
|  | Write short note on organizational best practices for cyber security. | **[BT2][CO5][10]** |
|  | Explain the web threads for organizations. | **[BT2][CO5][10]** |
|  | What are cost associate with cyber crime . | **[BT2][CO5][10]** |
|  | What care should organizations take in social media marketing | **[BT2][CO5][10]** |
|  | Describe forensic best practices for organizations. | **[BT2][CO6][10]** |
|  | Describe security and privacy implications. | **[BT2][CO6][10]** |
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**Signature of the Staff:**

**Signature of Department Academic Committee Member 1:**

**Signature of Department Academic Committee Member 2:**

**Signature of Department Academic Committee Member 3:**