

# **BHARATI VIDYAPEETH INSTITUTE OF TECHNOLOGY**

## **QUESTION BANK**

### **Unit Test-II (Shift:-I & II)**

Program: - Computer Engineering Group

Program Code:- CM/IF

Course Title: -Network and Information Security

Semester: - Sixth

Course Abbr & Code:-NIS (22620)

Scheme: I

---

---

#### **Chapter 4: FIREWALL AND INTRUSION DETECTION SYSTEM (CO4)**

##### **2 Marks**

1. Define firewall and list needs of firewall.
2. List firewall policies
3. What is vulnerability assessment?
4. State Anomaly detection
5. Define: Honeypots.

##### **4 Marks**

1. Explain DMZ with diagram.
2. What is IDS ? Explain Host Based IDS with diagram .
3. What is IDS ? Explain Network Based IDS with diagram .
4. List types of firewall. Explain Packet Filtering firewall with diagram.
5. List types of firewall. Explain Application Gateways firewall with diagram.
6. List types of firewall. Explain Circuit Gateways firewall with diagram.
7. List types of firewall. Explain Stateful Packet Filtering firewall with diagram.

#### **Chapter 5 – NETWORK SECURITY, CYBER LAWS AND COMPLIANCE STANDARDS (CO5)**

**2 Marks**

1. Define: 1) Cyber-crime 2) PKI (Public key infrastructure)
2. List needs of cyber laws.
3. What is cyber defamation?
4. Define Hacking. List types of Hackers.
5. What is Indian cyber law & list two types.

**4 Marks**

1. Explain SMTP.
2. List different types of cyber-crime & explain hacking.
3. Explain working of Kerberos with diagram.
4. Explain PGP.
5. Explain ITIL framework .
6. Explain IPsec security with help of diagram.















