

KMM INSTITUTE OF POST GRADUATE STUDIES :: TIRUPATI**Time: 3hrs / PREFINAL EXAMINATION/MCA-205B:CYBER SECURITY / MAX : 70 marks****Section – A**ANSWER ANY **FIVE** Questions

5 X 4 = 20 marks

1. What is Cyber Security ?
2. Discuss about Cyber Attacks in Current Era.
3. What are DOS Attacks?
4. Write about Internet Security Threats
5. What is Cyber Security Triad
6. Why Cyber Security Audit
7. Write about XML Gateways
8. How do you select Firewall for organization?
9. Discuss IPR Issues.
10. Write about Cyber crimes.

Section - BANSWER ANY **FIVE** Questions

5 X 10 = 50 marks

Choosing **ONE** from each Unit.

UNIT-I

11. Explain about various Cyber Security tools.

OR

12. Explain about various Vulnerability assessments-roles in Security

UNIT- II

13. Explain about various Security Mechanisms over Cyber Attacks

OR

14. Discuss about Malware and Ransomware.

UNIT-III

15. Discuss about Access Management

OR

16. Discuss about Cyber security Compliance and Audit Overview

UNIT-IV

17. Explain about FireWalls and its types.

OR

18. Explain about IDPS and administration.

UNIT-V

19. Discuss about Web Threats for Organizations

OR

20. Discuss about Digital Forensics and best practices for organizations

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5 X 4 = 20 marks

1. Write about Roles in Cyber Security.
2. What are Cyber Threats.
3. Write about Sniffing Attacks.
4. Write about SQL Injection Attack
5. Discuss about Non-Repudiation.
6. Write about Cryptography.
7. Write about AntiVirus/ AntiMalware
8. Write about Stateful (dynamic) packet filters
9. What do you mean by Privacy in the organization
10. Discuss about Cyber Crime Costs

Section – BANSWER ANY **FIVE** Questions

5 X 10 = 50 marks

Choosing **ONE** from each Unit.**UNIT-I**

11. Explain about Critical Thinking in Cyber Security aspects.
OR
12. Explain about various Cyber Threats.

UNIT- II

13. Explain about Social Engineering and various attacks.
OR
14. Explain about Network Security Model

UNIT-III

15. Explain about Cyber Security Framework?
OR
16. Discuss about IT Governance Process

UNIT-IV

17. Explain about Firewall Administration
OR
18. Discuss about VPN and administration of VPN

UNIT-V

19. Explain about various Penetration test Methodologies
OR
20. Discuss about Social Media Marketing and Security Risks and Perils for Organizations