

**A-0802**

Total Pages : 3

Roll No. ....

**MIT (CS)-103/CEGCS-03**

**CYBER ATTACKS AND COUNTER  
MEASURE : USER PERSPECTIVE**

**(MSCCS/CEGCS)**

Examination, June 2025

Time : 2:00 Hrs.

Max. Marks : 70

**Note :-** This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

**Section-A**

**Long Answer Type Questions**      2×19=38

**Note :-** Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

1. Explain the legal frameworks HIPAA, GLBA and SOX ?
2. Discuss different access control models ?
3. Discuss waterfall model. What are the applications of waterfall model ? Discuss its advantages and disadvantages.
4. What is MAC filtering ? How do you configure MAC address on wireless router ?
5. Explain the steps to identify fake email and to trace the location of an email sender.

### **Section–B**

#### **Short Answer Type Questions**      4×8=32

**Note** :– Section ‘B’ contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. Explain the 5 focus areas on which IT governance focuses ?
2. What are the three broad categories into which the forensic tools are categorized into ?

3. What are the three distinct master categories into which Computer security is categorized ?
4. Explain the activities in risk assessment process ?
5. How to configure wireless router ? Write steps.
6. What are security controls ? What are the basic criteria based on which security controls are classified ?
7. Write a short note on Kerberos.
8. What are the various types of cryptographic techniques ?

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