A-0858

Total Pages : 4 **Roll No. ----------**

MIT (CS)-103/CEGCS-03

Cyber Attacks and Counter Measure:

User Perspective

(MSCCS/CEGCS)

1st Semester Examination 2024(Dec.)

Time: 2:00 hrs Max. Marks: 70

Note : This paper is of Seventy (70) marks divided into Two (02) Section 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.

P.T.O.

Section-A (Long-Answer-Type Questions)

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.

[2x19=38]

Q.1. What is security policy? Discuss differences between policies, guidelines and procedures.

Q.2. What is cloud computing? Discuss different cloud computing models with examples.

Q.3. Discuss the phases of Software Development Life Cycle with the help of an example project. Explain in brief, how both waterfall model and prototyping model can be accommodated in spiral process model.

Q.4. What is Cyber Attack? How it is different from electronic authentication? Explain different types of Cyber Attacks in details.

Q.5. What is wireless router? How to create wireless network? Write steps for creating wireless network.

Section-B (Short-Answer-Type Questions)

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. [4x8=32]

Q.1. Explain difference between ALO, ARO and SLE?

Q.2. What is major difference between COSO and COBIT?

Q.3. What is the difference between simplex, half duplex and full duplex communication?

Q.4. Explain different types of authentication factors in detail.

Q.5. What is WEP, WPA and WPA2?

Q.6. Explain the various steps involved in digital forensic investigation.

Q.7. Explain CHAP authentication process.

P.T.O.

Q.8. What is cryptography? What are the objectives of cryptography?

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