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School of Computing Science and Engineering**Master of Science in Computer Science
Semester End Examination - Nov 2023****Duration : 180 Minutes
Max Marks : 100****Sem III - MSCS2310 - Cyber Security**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Identify Data units used in AES. K1 (2)
- 2) Explain the followings: (a) Playfair cipher. (b) Vernam cipher in detail. K2 (4)
- 3) Specify the four categories of security threats. K2 (6)
- 4) list the importance of antikelogger along with suitable example. K3 (9)
- 5) Explain about bluetooth hacking in detail. K3 (9)
- 6) Explain global Perspective on Cybercrime. K5 (10)
- 7) Explain the Drawback of 3-DES. K4 (12)
- 8) Discuss Key-Distribution Center. K5 (15)
- 9) Illustrate the purpose of Diffie Hellman key exchange. K5 (15)
- 10) Illustrate the steps involved in Signature generation and Verification functions of DSS. K6 (18)