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**School of Biomedical Science****Master of Science in Forensic Science  
Semester End Examination - Nov 2023****Duration : 180 Minutes  
Max Marks : 100****Sem III - MFS27T3108 - Advanced Cyber Forensic**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) Compare between MAC address and IP address? K1 (2)
- 2) Explain cross-site scripting? K2 (4)
- 3) Illustrate the logical backup and bit-stream imaging K2 (6)
- 4) Develop the protocol for examination of hard drives? K3 (9)
- 5) Develop the protocol for examination of digital devices in case of suspected spyware attack? K3 (9)
- 6) Perform the evaluation of some techniques used in investigating cybercrimes involving online harassment? K5 (10)
- 7) Distinguish between RAM imaging and RAM analysis in volatile memory forensics. K4 (12)
- 8) Determine the intrusion detection systems? K5 (15)
- 9) Determine the Feistel cipher structure and how is it different from DES? K5 (15)
- 10) How do you design a digital forensics framework to ensure efficient evidence collection? K6 (18)