

**MASTER OF SCIENCE  
(INFORMATION SECURITY)/  
P. G. DIPLOMA IN INFORMATION  
SECURITY (MSCIS/PGDIS)  
Term-End Practical Examination  
June, 2025**

# **MSEI-022(P)(Set-I) : NETWORK SECURITY**

*Time : 3 Hours*      *Maximum Marks : 100*

**Note :** Attempt any **two** out of three questions.

*Each question carries 40 marks. Viva-  
voce carries 20 marks.*

1. Using any **two** network security tools, scan the enterprise network for various vulnerability and identify potential risk and suggest remedies to secure the core business of an Airline.

2. Write a step-by-step procedure to implement security measure for avoiding cybercrimes for customers of a Quick Service Restaurant (QSR). 40
  
3. Calculate the MD5 hash value for any file or folder and copy the file or folder to some other location on the network and then recalculate the MD5 and compare whether the value of MD5 is same or different. By using the steganography tool try to hide and reveal the file from the Image. 40

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