

No. of Printed Pages : 2 **MSEI-025(P)(Set-II)**

**MASTER OF SCIENCE  
(INFORMATION SECURITY)/  
P. G. DIPLOMA IN INFORMATION  
SECURITY  
(MSCIS/PGDIS)**

**Term-End Practical Examination**

**June, 2025**

**MSEI-025(P)(Set-II) : APPLICATION AND  
BUSINESS SECURITY DEVELOPMENTS**

*Time : 3 Hours*

*Maximum Marks : 100*

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

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

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1. By using the steganography tool try to hide the file behind the image, and reveal the file also from the same. Write a program to implement the Data Encryption Algorithm

in the function by using any language.

(Recommended C/C++, PHP, ASP.NET) 40

2. What is vulnerability ? How can one assess the vulnerability of web application through tools ? Give the demonstration of any *one* tool. 40
3. Write a program to create the 'HIT COUNTER' (the counter value increased by one on every hit on the page) by using any server side script (recommended PHP/ASP.NET). Implement the concept of cookies, by transferring and retrieval of the data from the client machine. 40

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