

POST GRADUATE DIPLOMA IN INFORMATION SECURITY (PGDIS)

00167

Term-End Practical Examination

June, 2014

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

Time : 3 hours

Maximum Marks : 100

Note : (i) *Attempt any **two** questions out of three. Each question carries 40 marks.*
(ii) *Viva-voce carries 20 marks.*

1. Write a program to create the User Authentication System (username and password) by using any server side script (recommended PHP/ASP.NET). After the login, access any web page by using the Session Management. 40

 2. Implement the functions for Data Encryption and Decryption program by using any algorithm, in any programming language. (preferred C/C++, PHP, ASP.NET, etc.) 40

 3. Perform the Vulnerability Assessment of any website. Also list any top 10 security countermeasures/precautions, which have to be evaluated during the Audit. 40
-