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**POST GRADUATE DIPLOMA IN
INFORMATION SECURITY (PGDIS)**

Term-End Practical Examination

June, 2016

MSEI-022 (P) : NETWORK SECURITY

Time : 3 hours

Maximum Marks : 100

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- Note :** (i) *Attempt any two out of three questions, each carries 40 marks.*
- (ii) *Viva-voce carries 20 marks.*
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1. Generate digital signature on MS word file using private key and describe the use of digital signature for the following security goals : **40**
 - (a) non-repudiation
 - (b) authentication

2. Generate digital signature using MAC code. **40**

3. Take five systems from the network and do the necessary vulnerability scanning/audit of that particular system and give entire details of severity findings and port scanning details with their descriptions in the form of report. **40**