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MSEI-023

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

Term-End Examination

June, 2023

MSEI-023 : CYBER SECURITY

Time : 2 Hours

Maximum Marks : 50

Note : (i) **Section A :** Answer all the questions.

(ii) **Section B :** Answer any **two** out of three questions.

(iii) **Section C :** Answer any **two** out of three long answer type questions.

P. T. O.

Section—A

Note : Attempt all the questions.

1. Write notes on the following (any *four*) :

5×4=20

- (a) Client / Server architecture
- (b) Social Engineering
- (c) Cluster table
- (d) Social Networking sites
- (e) Trojan Horse

Section—B

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

- 2. Describe the architecture of Oracle Database Management System. 5
- 3. Describe SQL injection attack with the help of a suitable example. 5
- 4. What is phishing attack ? How do you identify a phishing e-mail ? 5

[3]

Section—C

*Note : Attempt **two** out of three long answer type questions.*

5. Explain the security issues involved in centralised as well as distributed database systems. Which one is more insecure and why? 10
6. Describe Cross Site Scripting (XSS) and Cross Site Request Forgery (XSRF) attacks and steps to thwart/avoid such attacks. 10
7. Explain the shadow paging recovery technique. 10