

CEGCS-02/PGDCS-02

Cyber Security Techniques

Certificate of E-Governance and Cyber Security/
P.G. Diplome in Cyber Security(CEGCS-16/17PGDCS-17)

Third Year Examination, 2019 (June)

Time : 3 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) marks divided into three (03) sections A, B and C. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains four (04) long answer type questions of Nineteen (19) marks each. Learners are required to answer any two (02) questions only.

(2×19=38)

1. What is information security ? Has it got a connect with cyber security? Discuss in detail. Also write your comments on the present day information and privacy issues.
2. Do we have a national IT and cyber security policy? If yes, discuss the main features of the policies and also how do these policies impact the common man.
3. What is Cyber crime? Discuss its types in detail. What are the gaps, if any, in your opinion between these crimes, policies and existing laws ?
4. What is e-commerce? Discuss the dimensions of e-commerce keeping in view today's digital world. What do you think are the emerging possibilities in e-commerce?

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains eight (08) short answer type questions of eight (08) marks each. Learners are required to answer any four (04) questions only. (4×8=32)

1. What is Computer forensics ? Explain.

2. What is meant by the term 'social engineering' in digital domain? Explain.
3. What is WEP? Explain.
4. What is meant by the term 'insider threat' ?
5. Differentiate between WORM and Trojan Horse.
6. What is a DOS attack?
7. What is CERT-IN? who is presently heading it?
8. What is meant by the term cyber crisis plan' ?

SECTION-C

(Objective Type Questions)

Note : Section 'C' contains ten (10) objective type questions of one (01) mark each. All the questions of this section are compulsory. (10×1=10)

1. The complete transformation of the processes of governance using the implementation of information & Communication technology is called.....
 - (a) WWW
 - (b) e-governance
 - (c) HTTP
 - (d) None of the above.

2. BCEF stands for
 - (a) Browser exploitation framework
 - (b) Beginners to experienced forensic
 - (c) Browser emergency field
 - (d) None of the above.

3. IT act 2000 first amendment comes in
 - (a) 2008
 - (b) 2009
 - (c) 2010
 - (d) 2011.

4. _____ is the art of psychologically manipulating people to obtain confidential information with or without the use of technology.
- (a) Vishing
 - (b) Blogging
 - (c) Social engineering
 - (d) None of the above.
5. HTTP stands for
- (a) Hyper transfer text protocol
 - (b) Hypr text transfer protocol
 - (c) Hyper text transmission protocol
 - (d) None of the above.
6. Malware stands for
- (a) Malacious software
 - (b) Macafee software
 - (c) Mother board software
 - (d) None of the above.

7. SSL stands for
- (a) Secure socket layer
 - (b) Secure service layer
 - (c) Security socket layer
 - (d) None of the above.
8. What is the first phase of hacking ?
- (a) Attack
 - (b) Maintaining access
 - (c) Gaining access
 - (d) Reconnaissance.
9. Hacking for a cause is called
- (a) Active hacking
 - (b) Hacktivism
 - (c) Activism
 - (d) Black hat hacking.

10. McAfee is an example of

- (a) Virus
 - (b) Quick heal
 - (c) Antivirus
 - (d) Photo editing software.
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