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CEGCS-01

Fundamental of Information Security

Certificate of E-Governance and Cyber Security

(CEGCS-16/17)

Examination 2021 (Winter)

Time : 2 Hours   **Max. Marks:100**

Note : This paper is of hundred (100) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

Section-A

(Long Answer-type questions)

Note: Section 'A' contains Five (05) long-answer-type questions of Twenty Six (26) marks each. Learners are required to answer any two (02) questions only.

(2 x 26=52)

Q.1.   What is the significance of e-governance? Explain the basic model of e-governance in details.

Q.2   (a)   What is e-commerce?

(b)   Discuss e-commerce model in detail.

(c)   Explain electronic commerce infrastructure.

P.T.O.

Q.3   What is Cyber Crime? Explain different types of cyber crimes.

Q.4   What is an organized cyber crime? Explain different types of organized crime groups. What are the basic features of an organized crime group.

Q.5   Considering the CIA triad and the Parkerian hexad, what are the advantages and disadvantages of each model?

Section-B
(Short Answer-type questions)

Note: Section 'B' contains Eight (08) short-answer-type questions of Twelve (12) marks each. Learners are required to answer any four (04) questions only.

(4 x 12=48)

Q.1   Explain Digitization. How digitization is helpful in the successful implementation of e-governance?

Q.2   Explain different payment systems for e-commerce.

Q.3   What is data privacy? What are the responsibilities of a company handling personal data?

Q.4　Define cyber attacks. What is the difference between structured and unstructured cyber attacks?

Q.5　Define the vulnerability of an information asset. Differentiate between vulnerability and threat.

Q.6　What do you understand by E-readiness?

Q.7　Describe the possible scopes of an ISMS.

Q.8　What is Cyber Crime and Cyber terrorism? Explain.

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