

1. What is an IP address? Explain the addressing scheme in the Internet.
2. What is e-governance? What are the goals of e- governance?
3. Discuss e-commerce models in detail.
4. Define what is a cybercrime? Give a detailed classification.
5. What is data privacy? What are the responsibilities of a company handling personal data?

### Section - B

#### (Short-Answer-Type Questions)

Note - Section 'B' contains Eight (08) short-answer-type questions of Seven (07) marks each. Learners are required to answer any Five (05) questions only.

$$(5 \times 7 = 35)$$

1. (a) DARPA stands for \_\_\_\_\_ (1)
  - (b) The complete transformation of the processes of Governance using the implementation of Information & Communication Technology is called..... (1)
  - (c) There are four fundamental concerns regarding electronic money are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ (4)
  - (d) \_\_\_\_\_ are generally performed by dissatisfied or unhappy inside employees or contractors. (1)
2. (a) \_\_\_\_\_ often done to defame a person and use email, social network, instant messenger, web-posting, etc. as a using Internet as a medium as it offers anonymity. The behavior includes false accusations, threats, sexual exploitation to minors, monitoring, etc. (1)

(b) The term \_\_\_\_\_ refers to the use of information, and attacks on information, as a tool of warfare. (1)

(c) \_\_\_\_\_ means the key of a key pair used to verify a digital signature and listed in Digital Signature Certificate. (1)

(d) NCRB Stands for \_\_\_\_\_

(e) CIA stands for \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_

3. How http:// is different from http://? (Explain briefly)
4. What are the different stages of e-governance?
5. What is Scareware?
6. Who can conduct RAIDS AND INVESTIGATION for Cybercrimes?
7. Explain the difference between vulnerability and a threat.
8. What precautions do you, or could you, take to assure yourself that there is no spyware on your computer at the moment?

**CEGCS-01/PGDCS-01/  
MIT (CS) - 101**

**Fundamentals of Information Security  
Certificate of E-Governance and Cyber  
Security / P. G. Diploma/  
M. Sc. Cyber Security  
(CEGCS-16/17/PGDCS-17/MSCCS)  
First Semester, Examination - 2019**

**Time : 3 Hours**

**Max. Marks : 80**

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Note - This Paper is of Eighty (80) 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 Fifteen (15) marks each. Learners are required to answer any Three (03) questions only.

(3 × 15 = 45)