## **BOARD OF TECHNICAL EDUCATION**

PORVORIM-GOA

**April, 2016** Examinations

Programme: **Computer Engg.**

Subject: **Cyber Laws & Computer Forensics(CO613) [Revised]**

# Time Duration: **3 Hrs.** Max. Marks: **75**

Instructions: 1) All Questions are compulsory.

2) Figures to the right indicate full marks.

3) Assume suitable additional data if required.

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| **Q.No.1.** | **Answer any five of the following Questions:** | **5 x 3 = 15** |
| **a)** | List out the motivating factors and causes of hacking. |  |
| **b)** | What is meant by ‘Cause of Action’? |  |
| **c)** | State the difference between ‘Contract for service’ and ‘Contract of service’. |  |
| **d)** | What is a computer forensic Laboratory? |  |
| **e)** | What are the factors to be considered to avoid common mistakes in evidence collection? |  |
| **f)** | How are Electronic agreements classified? |  |
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| **Q.No.2.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Explain section 80 of IT Act 2000. |  |
| **b)** | With an example explain defamation, Harrassment and Email abuse. |  |
| **c)** | Write short note on the following: i) Crimes of Millennium ii) Virus on the Internet. |  |
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| **Q.No.3.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | List the right of copyright owners in respect of literary dramatic or musical work. |  |
| **b)** | Explain any six strategies adopted in India, which has resulted in decline of software piracy. |  |
| **c)** | Write a note on copyright protection of content on Internet, copyright notice, Disclaimer and Acknowledgement. |  |
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| **Q.No.4.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Discuss the provision of Indian Evidence Act 1872, which has been modified by IT Act 2000. |  |
| **b)** | Differentiate between Goods and Services. Explain defects in goods and deficiency in services. |  |
| **c)** | Discuss some allegations that can be made by complainant consumer by which Consumer Protection Act can be invoked. |  |
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| **Q.No.5.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Explain the different types of investigations. |  |
| **b)** | Explain the 6 A’s used by Andrew Rosen to define a process. |  |
| **c)** | Write a note on forensic hardware and software tools. |  |
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| **Q.No.6.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Explain the steps to be adopted for collecting evidence from a suspect system. |  |
| **b)** | What is meant by phishing? How will you detect and find phishing access. |  |
| **c)** | How will you image a drive using SMART suite available in Linux. |  |

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## **BOARD OF TECHNICAL EDUCATION**

PORVORIM-GOA

**November, 2016** Examinations

Programme: **Computer Engg.**

Subject: **Cyber Laws & Comp. Forensics(CO613) [Revised]**

# Time Duration: **3 Hrs.** Max. Marks: **75**

Instructions: 1) All Questions are compulsory.

2) Figures to the right indicate full marks.

3) Assume suitable additional data if required.

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| **Q.No.1.** | **Answer any five of the following Questions:** | **5 x 3 = 15** |
| **a)** | List out the motivating factors and causes of teenage cyber criminality. |  |
| **b)** | What is meant by Computer Software piracy? |  |
| **c)** | Write a short note on amendments to the Banker Books Evidence Act. |  |
| **d)** | List the five core steps of the assessment phase as defined for a process. |  |
| **e)** | Discuss Spam attacks. |  |
| **f)** | What is meant by evidence? |  |
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| **Q.No.2.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | What is meant by Hacking? How are Hackers classified? |  |
| **b)** | Write a note on necessity of arrest without warrant from any place, public or otherwise. |  |
| **c)** | What is meant by cyber fraud and cyber cheating? Explain section 415 cheating of the Indian Penal Code. |  |
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| **Q.No.3.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | List the rights of copyright owners in respect of artistic work and cinematograph films. |  |
| **b)** | Write note on ‘License of Copyright’. |  |
| **c)** | Discuss the categories of civil law of Jurisdiction in India. |  |
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| **Q.No.4.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | What do you mean by “Consumer”? Are cyber consumer covered under the Consumer Protection Act. |  |
| **b)** | List out some instances of unfair trade practices. |  |
| **c)** | Discuss some of the evidences that help the addressee prove the identity of the originator. |  |
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| **Q.No.5.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | What are the desirable quantities of a good computer forensic investigator? |  |
| **b)** | Write a note on Forensic Lab Security. |  |
| **c)** | State and explain the elements of a good forensic process. |  |
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| **Q.No.6.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | What is a consumer fraud? What are the ways in which it can be committed? |  |
| **b)** | Write a short note on Investment fraud. |  |
| **c)** | Explain how you will forensically image the drive of a suspect system. |  |

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## **BOARD OF TECHNICAL EDUCATION**

PORVORIM-GOA

**April, 2017** Examinations

Programme: **Computer Engg.**

Subject: **Cyber Laws & Computer Forensics(CO613) [Rev]**

# Time Duration: **3 Hrs.** Max. Marks: **75**

Instructions: 1) All Questions are compulsory.

2) Figures to the right indicate full marks.

3) Assume suitable additional data if required.

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| --- | --- | --- |
| **Q.No.1.** | **Answer any five of the following Questions:** | **5 x 3 = 15** |
| **a)** | What are the causes of Teenage Web vandals? |  |
| **b)** | What do you understand by “License of copyright’’? |  |
| **c)** | What was the amendment made to the Banker’s book evidence act 1891? |  |
| **d)** | What do you understand by Flyaway kit? |  |
| **e)** | Write a note on Phishing websites. |  |
| **f)** | Write a short note on forensic hardware tools. |  |
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| **Q.No.2.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Explain the various causes of Hacking. How are hackers classified? |  |
| **b)** | Write a note on section 80 of IT Act 2000. |  |
| **c)** | What is meant by cyber cheating? Explain the ingredients of cheating. |  |
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| **Q.No.3.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Explain the various exceptions to copyright infringement with respect to computer program. |  |
| **b)** | What is meant by software piracy? What are the major losses caused by software piracy to the community? |  |
| **c)** | List the exclusive rights of copyright owners with reference to i) Musical work ii) Sound recording. |  |
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| **Q.No.4.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | List the evidences that can be used by the addressee to prove the identity of the originator of e-message. |  |
| **b)** | With the help of an example explain defects in goods and deficiency in services. |  |
| **c)** | Explain any six restrictive and unfair trade practices. |  |
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| **Q.No.5.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Explain the core steps that guide you to the assessment phase for defining a forensic process. |  |
| **b)** | What is meant by forensic laboratory? How can you protect forensic lab from environmental damage? |  |
| **c)** | Explain the elements of a good forensic process. |  |
|  |  |  |
| **Q.No.6.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | List out the common mistakes done in evidence collection. |  |
| **b)** | List out the detailed steps in collecting evidence from a single system. |  |
| **c)** | Write a note on consumer fraud. |  |

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## **BOARD OF TECHNICAL EDUCATION**

PORVORIM-GOA

**November, 2017** Examinations

Programme: **Computer Engg.**

Subject: **Cyber Laws & Computer Forensics(CO613)**

# Time Duration: **3 Hrs.** Max. Marks: **75**

Instructions: 1) All Questions are compulsory.

2) Figures to the right indicate full marks.

3) Assume suitable additional data if required.

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| **Q.No.1.** | **Answer any five of the following Questions:** | **5 x 3 = 15** |
| **a)** | With respect to hacking explain the following:  i) Cyber punks ii) Crackers iii) Phreakers |  |
| **b)** | What do you understand by disclaimer on the website? |  |
| **c)** | Write a note on Indian Evidence Act 1872. |  |
| **d)** | Write a note on Computer forensics. |  |
| **e)** | List out any three mistakes in evidence collection. |  |
| **f)** | What is the difference between internal and civil investigation? |  |
|  |  |  |
| **Q.No.2.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | With an example explain Defamation, harassment and email abuse. |  |
| **b)** | Write short notes on: i) Teenage web vandals ii) Crimes of Millennium. |  |
| **c)** | Explain section 80 of IT Act 2000. |  |
|  |  |  |
| **Q.No.3.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | List the exclusive rights of the copyright owners w.r.t.  i) Artistic work ii) Cinematograph film |  |
| **b)** | Explain the various strategies adopted in India, which has resulted in decline of software piracy. |  |
| **c)** | Discuss ‘Copyright ownership & assignment’. |  |
|  |  |  |
| **Q.No.4.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Discuss any four sections of Indian evidence Act 1872 that were modified by IT Act 2000. |  |
| **b)** | List any six instances of unfair trade practices. |  |
| **c)** | Explain Consumer Protection Act. Are cyber consumers covered under the Consumer Protection Act? |  |
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| **Q.No.5.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Write a note on “Role of forensic investigator”. |  |
| **b)** | Explain the steps in Acquisition phase for defining a forensic process. |  |
| **c)** | How can you protect the forensic lab from physical access & network access so that there is no spoliation of evidence? |  |
|  |  |  |
| **Q.No.6.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Explain in detail Investment fraud. |  |
| **b)** | What do you understand by Phishing websites? How can you detail & find Phishing access? |  |
| **c)** | With respect to forensic sound evidence collection, explain the need for the following: i) Forensically imaging the drive ii) Record cryptographic hashes. |  |

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## **BOARD OF TECHNICAL EDUCATION**

PORVORIM-GOA

**April, 2018** Examinations

Programme: **Computer Engg.**

Subject: **Cyber Laws & Computer Forensics(CO613)**

# Time Duration: **3 Hrs.** Max. Marks: **75**

Instructions: 1) All Questions are compulsory.

2) Figures to the right indicate full marks.

3) Assume suitable additional data if required.

|  |  |  |
| --- | --- | --- |
| **Q.No.1.** | **Answer any five of the following Questions:** | **5 x 3 = 15** |
| **a)** | How are cyber crimes classified? |  |
| **b)** | What do you understand by ‘License of copyright’? |  |
| **c)** | State the differences between goods and services. |  |
| **d)** | Explain any three qualities of a forensic investigator. |  |
| **e)** | What is Flyaway kit? |  |
| **f)** | How will you find the source of manually installed malware? |  |
|  |  |  |
| **Q.No.2.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | What do you understand by ‘66 hacking with computer system’? State the causes of hacking. |  |
| **b)** | Write short notes on:   1. Crimes of this millennium 2. Email Abuse |  |
| **c)** | Write short notes on:   1. Virus on the internet 2. Arrest, but no punishment |  |
|  |  |  |
| **Q.No.3.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | List out the six copyright rules. |  |
| **b)** | Explain any six strategies adopted in India, which has resulted in decline of software piracy. |  |
| **c)** | Write a note on ‘Place of cause of action in contractual and IPR disputes’. |  |
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| **Q.No.4.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Discuss some allegations that can be made by complainant consumer by which consumer protection act can be invoked. |  |
| **b)** | List any six evidence that can be used by the addressee to prove the identity of the originator of e–message. |  |
| **c)** | Write a note on beware consumers. |  |
|  |  |  |
| **Q.No.5.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Explain how spoliation of evidence can be take place through network and physical access. |  |
| **b)** | Explain the different types of Investigations. |  |
| **c)** | Explain the following phases of a forensic process:   1. Authentication 2. Articulation 3. Archival |  |
|  |  |  |
| **Q.No.6.** | **Answer any two of the following Questions:** | **2 x 6 = 12** |
| **a)** | Explain in brief the various steps in collecting evidence from a single system. |  |
| **b)** | With reference to consumer fraud explain the following:   1. Identity theft 2. Detecting spam attacks |  |