

Bangabandhu Sheikh Mujibur Rahman Science and Technology University

Department of Computer Science and Engineering

2nd Year 2nd Semester B.Sc. Engineering Examination-2013

Course No: LAW-256

Course Title: Cyber and Intellectual Property Law

Total marks: 70

Time: 3 hours.

N.B.

- i. Answer **SIX** questions, taking any **THREE** from each section.
- ii. All questions are of equal values
- iii. Use separate answer script for each section

SECTION - A

- | | |
|---|-----------------|
| 1. (a) Define cyber law. Discuss the advantages of cyber law. | 5 |
| (b) Why is cyber law essential for ICT professionals? Explain. | 4 |
| (c) Briefly discuss the classification of cyber law. | 2 $\frac{2}{3}$ |
| | |
| 2. (a) According to the ICT Act 2006 define digital signature. What are the rules of using electronic records and electronic signatures in Government and its agencies? | 5 |
| (b) What is the inter-state application of ICT Act 2006? | 3 |
| (c) What are the weak points of ICT Act 2006? Describe briefly. | 3 $\frac{2}{3}$ |
| | |
| 3. (a) Classify e-commerce. Using a diagram show the steps of the Multistage Model for e-Commerce. | 4 |
| (b) What do you mean by the terms: e-government and e-governance? What are the advantages of e-government to delivery of better services to the people? | 5 |
| (c) List of some e-learning tools. How does it help the education system making more interactive? | 2 $\frac{2}{3}$ |
| | |
| 4. (a) What do you mean by cyber-crime? List out the major cyber-crimes. | 4 |
| (b) What is hacking? Why do hackers hack? How does ICT Act 2006 deal with hacking? | 5 |
| (c) What is meant by online contracts? Is there any liability to accept documents in electronic form? Justify your answer. | 2 $\frac{2}{3}$ |

SECTION-B

- | | |
|---|-----------------|
| 5. (a) What do you mean by the word computer virus? How do viruses spread out? | 5 |
| (b) What is e-mail abuse and harassment? Is there any legal issues related to this crime? Explain. | 4 |
| (c) Is it a crime for publishing fake, obscene or defaming information in electronic form? If so what is the punishment for it? | 2 $\frac{2}{3}$ |
| | |
| 6. (a) Define intellectual property. Give a list of subject matters which are protected by intellectual property rights according to WIPO convention. | 4 |

- (b) What is the importance of introducing intellectual property law? Why different countries have laws to protect intellectual property? 4
- (c) Give a description of copyrighting software vs. patenting software. $3\frac{2}{3}$
7. (a) What is Berne Convention? Computer software is not included in the list in the Berne Convention. Should it be copyrighted or patented? Justify your answer. 4
- (b) What are the rights of reproduction, distribution, rental and importation of the work according to copyright legislation? 4
- (c) What is the right of owner to relinquish his copyright? How long does copyright exist for literary or artistic work? $3\frac{2}{3}$
8. (a) What are the requirements of patentability? Define briefly. $3\frac{2}{3}$
- (b) Why are patents necessary? How can a patent be obtained worldwide? 4
- (c) What are major functions performed by the trademarks? What kinds of trademarks can be registered? 4