

JK Lakshmipat University Jaipur
INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term Examination (Regular), November 2017

B.Tech. in Computer Science and Engineering, Semester VII

Roll No.....

CSE730: Cyber Law & IPR

Time: 03 hours

Max. Marks: 100

Instructions to students:

1. Do not write anything other than your roll number on question paper.
2. Assume suitable data wherever required and mention it clearly.
3. Writing appropriate units, nomenclature, and drawing neat sketches/schematics/ flow chart wherever, required are an integral part of the answer.

Q.1A Objective type multiple choice questions (10 questions @ 1 mark)

10

- i. The owner of the sound recording is _____.
A). Composer C). director
B). Producer D). artist
- ii. Compulsory Licensing is
A). Manufacturing, selling or importing a patented invention without the permission of the patent-owner.
B). Manufacture or sell products only on acquiring license from the government
C). Manufacture, sell or import products through government's permission but no licensing required
D). None of the above
- iii. Headquarter of World Intellectual Property Organization is located in
A). Rome, Italy
B). Bern, Switzerland
C). Berlin, Germany
D). Geneva, Switzerland
- iv. Patent is
A). Name indication
B). Place indication of a product
C). Exclusive Right over a product
D). All of above
- v. Social engineering is one of the most successful attack methods of cybercriminals. What is regarded as a form of social engineering?
A). Cryptoware
B). Phishing
C). Denial of Service (DOS) attack
D). Spam
- vi. Hackers and cyber criminals usually perform their activities according to a well-

structured plan. What is the best order in which these activities are performed within a well-structured plan?

- A). Enumeration, foot printing, getting access, privilege escalation, erasing tracks
- B). Reconnaissance, enumeration, getting access, privilege escalation, erasing tracks
- C). Reconnaissance, scanning, getting access, privilege escalation, maintaining access
- D). Scanning, enumeration, getting access, privilege escalation, maintaining access

vii. The design right protects

- A). The distinctiveness of a product
- B). The function of a product
- C). The aesthetic appearance of a product
- D). The utility of a product

viii. A copyright protection

- A). Arises upon creation, however, needs to be registered in order to be legally valid
- B). Does give the author an exclusive right to reproduce the work to the public
- C). According to Berne Convention, expires after 30 years
- D). Is granted after the registration of the created work in a corresponding national/regional IP office

ix. A person develops a new process for making cheese from milk having low fats and cholesterol. He wishes to protect it. Which form of IPR would be suitable?

- A). Patent
- B). Copyright
- C). Trademarks
- D). Industrial Design

x. Which one of the following could not be registered as a trade mark?

- A). The mark is an image.
- B). The mark is made up of letters and numbers.
- C). The mark is made up of a symbol with no words or letters.
- D). The mark represents the natural or technical shape of the goods.

Q.2 Short answer type questions (4 questions @ 2.5 marks)

10

- i. What is brand identity?
- ii. How is invention defined in the Indian Patents Act, which can qualify for grant of a patent?
- iii. Define Patentable and non-patentable inventions?
- iv. How can the integrity of data be verified by investigators?

Q.3A Who are responsible for administration of IPRs in the country?

05

Q.3B The regulation of cyber space has become a critical issue particularly in view of

05

recent cases of terrorism such as Paris Attack Case & hacking at international level like Sony Hack Case. The movement has been seen as 'regulating the net by computer code' to 'return of state in the cyber space'. Critically analyze various theories in this regard.

- Q.4A Mr. Prem a data thief hacked the computer system of People's Bank at Noida and illegally accessed credit and debit card numbers of 100 customers. Mr. Prem then illegally increased the credit limit of all credit cards and changed the communication addresses so that the credit card statements never reach the original card holders. The credit card company suffers huge loss. What are the cyber-crimes committed by Mr. Prem? What is the remedy? 05
- Q.4B Define the term 'Cyber Squatting' and what kinds of protection available to the consumers in the Cyber World against it? 05
- Q.5A What are the major provisions in the amended Copyright Act, 1999 with regards to computer programs? 05
- Q.5B Define the term 'Online Contracts' and Explain the terms and conditions required for making 'On line contracts' 05
- Q.6A What do you mean by infringement of Trademark and discuss the remedies available for infringement. 05
- Q.6B Discuss the different types of domain names and their registration procedure and analyze the conflict between concepts of trademarks and domain name. 05
- Q.7A An investigative journalist has written in his newspaper a series of articles on an event in which he was a participant. A film maker has made a cinematograph film based on the story, but without seeking the journalist's permission. The journalist was also portrayed in the film as a cruel and unscrupulous person. The journalist has approached you for advice regarding the action he can take against the film maker under the Copyright Act. What advice would you give? Buttress your arguments with case law. 10

OR

Mrs. Radha has invented a new formula for a cola drink. She wants to go for commercial production of the same but she seeks your opinion on the appropriate intellectual property protection for the same what would you advise her to apply for a patent or to protect the invention through trade secret? Explain the rationale behind your advice?

- Q.7B How do the copyright act, trademark act and patent act in India, apply to protection and perseverance of intellectual property rights in cyberspace? 05

OR

- Q.7B Kindly elaborate the salient features pertaining to the computer related offence under section 66 of the information technology act, 2000? 05
- Q.8A What are the rights of a copyright holder (which when violated lead to Infringement)? 05
- Q.8B What is Biometrics? Explain its importance as an effective device for curbing the virus attacks in the networking security system 05
- OR
- Q.8B What are your tips for protecting yourself against identity theft? 05
- Q.9A Discuss the concept of "Fair usage/Fair dealing" under the Indian copyright act? What are the important fair use provisions in context to educational purposes? 05
- Q.9B Arpit is a Sr. Officer working in the BPO company, XYZ Ltd. at Gurgaon and allowed to work from his home at Delhi. Arpit while working from his home entered into a contract with another company ABC Ltd. Delhi on behalf of his XYZ Ltd. wherein the clause 'all the dispute arises and ABC exclusive jurisdiction of court at Gurgaon'. Later on a dispute arises and ABC Ltd. file the case at Delhi Courts claiming that Arpit has executed the online contract from Delhi only and as such the jurisdiction of the court at Gurgaon is not made out. Examine this case with help of relevant provisions of Indian Contract Act & Informational Technology Act, 2000. 10