

International Islamic University Chittagong

Department of Electrical and Electronic Engineering

B. Sc. Engineering in EEE

Final Exam, Spring 2022

Course Code: LAW-4725

Course Title: Professional Ethics and Environmental Protection Law

Time: 2 hours 30 minutes

Full Marks: 50

(i) The figures in the right-hand margin indicate full marks

(ii) Course Outcomes and Bloom's Levels are mentioned in additional Columns

Course Outcomes (COs) of the Questions	
CO1	Reflect a basic understanding on current, voltage, energy, power, sources, and circuit element in a dc circuit, various network theorems, dc responses reactive circuit elements and magnetic circuits.
CO2	Apply various circuital laws, network theorems for solving dc circuits. They will also be able to solve problems related to dc response of reactive elements and magnetic circuits.

Bloom's Levels of the Questions						
Letter Symbols	R	U	App	An	E	C
Meaning	Remember	Understand	Apply	Analyze	Evaluate	Create

Part A

[Answer the questions from the followings]

1. a) Engineering has a direct and vital impact on the quality of life for all people. How is it? Analysis the proper meaning of engineering ethics in details? CO1 An 5
 1. b) Applied ethics is the philosophical examination from a moral stand point, for what purpose it is used in this profession? Explain it. CO1 An 5
 2. a) How engineering profession has been developed recently? Mention all the proper steps with referring concerned year. CO2 An, R 5
 2. b) Explain the term 'Applied Ethics' with referring Bio-Ethics. How it is relating to the Engineering ethics? CO2 An, An 5
- Or**
2. a) Good problem solving skill is a good quality of Engineers, How many qualities of an Engineer are there in ethics? CO2 An 5
 2. b) What are the ethical expectations from an engineer, How does an Engineer comply with them? CO2 R, An 5

Part B

[Answer the questions from the followings]

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|-----------|----|---|-----|----------|---|
| 3. | a) | E-World is the challenge for the legal world, Explain how is it? | CO1 | An | 4 |
| 3. | b) | Bangladesh Constitution recognizes the freedom of Speech: Evaluate the limitations in exercising of freedom of expression on internet. | CO2 | E | 6 |
| 4. | a) | Intellectual Property means new invention by human brains, Explain it with example. Describe the meaning of following terms: Digital Signature, Trademarks, CERT. | CO1 | An,
R | 4 |
| 4. | b) | Does our ICT Act have any weakness to ensure cyber security? If yes, describe all the facts in details. | CO2 | R | 6 |
| 5. | a) | What are the essential elements of E-contract in Electronic Financial Transaction? | CO1 | R | 4 |
| 5. | b) | Mention various national and international legal documents with their articles related to the right to privacy recognized as fundamental rights. | CO2 | R | 4 |
| Or | | | | | |
| 5. | a) | State the meaning of Cyber Defamation and Cyber Terrorism. | CO1 | U | 4 |
| 5. | b) | How cybercrime is being committed? What types of devices are commonly used for this crime? | CO2 | An,
R | 6 |