

International Islamic University Chittagong

Department of Electrical and Electronic Engineering

B.Sc. Engineering in EEE

Semester End Exam, Spring 2024

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	Identify the legal problems in social and environmental contexts commonly encountered by engineers in their professional fields/industries.
CO2	Understand the impact of knowledge about Constitutional provisions for the protection of environment need for development.
CO3	Demonstrate analytical skills through investigation and evaluation of ethical problems in engineering settings.
CO4	Communicate effectively about their duties and responsibilities as professionals through gaining knowledge of the philosophies of ethics, professional practice, and world culture.

Bloom's Levels of the Questions						
Letter Symbols	C1	C2	C3	C4	C5	C6
Meaning	Remember	Understand	Apply	Analyze	Evaluate	Create

Part A

[Answer the questions from the followings]

1. a) Describe the historical development of Engineering Ethics. What do you understand by 'Applied Ethics in engineering'? CO1 C4 5
1. b) Explain different human qualities of a good engineer. CO4 C2 5
2. a) What is the role of engineers in nation building? Why engineers are essential for the development of a country? CO4 C3 5
2. b) Engineers have a significant influence on the overall quality of life for all individuals. How does this impact manifest? CO3 C3 5

OR

2. a) Describe the obligations of an engineer to the clients and to other engineers. CO4 C3 5
2. b) Explain the measures to be taken to improve the quality of engineering profession. CO3 C3 5

Part B

[Answer the questions from the followings]

3. a) Illustrate the various legislations on Cyber Law or digital law in Bangladesh. CO2 C2 5
3. b) Suggest some ways by which a person can protect himself from the cyber crime. CO2 C3 5

- | | | | | |
|-------|--|-----|----|---|
| 4. a) | Explain the term "environmental law". Discuss the establishment of Environment Court as per the provisions of the Environment Court Act, 2010. | CO2 | C1 | 5 |
| 4. b) | Explain the jurisdiction of environment court. What is the consequence for disobeying the order that was issued by the environmental court? | CO2 | C1 | 5 |
| 5. a) | Elucidate the procedure and power of Environment Court as established under the Environment Court Act, 2010. | CO2 | C2 | 5 |
| 5. b) | Discuss the provisions of appeal against the order or decision of the Environment Court. | CO2 | C2 | 5 |

OR

- | | | | | |
|----|-------------------------------------|-----|----|---|
| 5. | Write short note on the followings: | CO2 | C2 | 5 |
| | a) Intellectual property | | | |
| | b) Copyright | | | |
| | c) Patent | | | |
| | d) Trademark | | | |
| | e) Service Mark | | | |