



IQRA National University, Peshawar
Department of Electrical Engineering

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Final – Term Examination Fall-2020

Date: 24/08/2020

Course Code: HMEE3133

Course Title: Professional Ethics

Prerequisite: _____

Ins:ructor: Ahmad Hassan

Module: _____

Program: BEE **Total Marks:** 30

Time Allowed: 240 minutes

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Note: Attempt all questions.

Q1	What is the difference between ethics and Legality? Explain with example.	Marks [5+5]
Q2	What are moral values in an Engineering environment? Give an example.	Marks [10]
Q3	Why should we study professional Ethics as engineers? Write a short note.	Marks [10]

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Ali Raja Khan
12647

Q: what is the difference b/w Ethics and legality? Explain with example.

Ans: →

Ethics :- It is a system of moral principle. It effects how humans make decisions and live their lives. Ethics is concerned with what is good for individuals and society.

Explanation:- Ethics is based on 3 theories.

(i) Meta Ethics:- Nature or moral judgment.

(ii) Normative Ethics:- Concerned with the content of moral judgment and criteria of right & wrong.

(iii) Applied Ethics:- Concerned about war, animal right and capital punishment.

(2)

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Legality: Legality is an agreement or contract that is consistent with the law or state of being lawful in a given Jurisdiction.

Example: - Testing on animals for drugs stores and other products is legal in many countries but some people thinks it is not right morally, so they think it is not ethical.

3

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Q2: What are moral values in an Engineering environment? Give an example.

Ans: A moral is the code of conduct that you develop over time and set for yourself to follow like

→ Being good to everyone

→ Speaking only truth

→ Going against wrong

→ Having Chasity.

→ Avoid Cheating

→ Being a nice human

Accordingly, the services provided by engineers requires, honesty, impartiality, fairness and equality and must be dedicated to the protection of public

(4)

health, safety and welfare.

Engineers must perform under

a standard of professional

behavior that requires adherence

to the highest principles.

Examples: An engineer should keep

paramount the safety, health and

welfare of public and

avoiding any type of devious

acts. An engineer should

do amenities only in the

zones of their capability.

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Q2: Why should we study professional ethics as engineer?

Ans: we study professional ethics in engineering to recognize the rights, morals and values in the society. As engineering is the profession of serving the humanity with best services so for serving the society, one should know about the rights and wrongs the ethical values of society. Not only to recognize the society ethical value but professional ethics teaches us about ourselves and own ethical and moral responsibilities as well

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