2023

Professional Ethics and Human Values

Full Marks : 100

Time : Three hours

The figures in the margin indicate full marks for the questions.

*Answer **any five** questions.*

ANSWER ANY Five From The Following QUESTIONS: Each Question Carries Equal Marks.

01. Write short notes – (5 ×4 = 20)
    a- Moral enquiry
    b- Ethical hacking
    c- Experimental Control
    d- Virtue
    e- Confidentiality

02. Define the following - (2×10 = 20)
    a- Define code of ethics? Mention some of the benefits and limitation of code of ethics.
    b- Define Intellectual Property Rights (IPR) ? Elaborate the different elements of IPR.

03. Explain the following by suitable examples- (2×10 = 20)
    a- Engineering professionals are expert Social experimenters? Explain the role and responsibility of professionals with examples.
    b- What is occupational crime? Explain different types of occupational crime with an example.

04. Write in brief – (2×10 = 20)
    a- Define engineering ethics. Elaborate how engineering ethics emerge as separate discipline. Why do you think it is important?
    b- Mention the fundamental canon of engineering ethics and explain the different types of moral dilemmas?

05. Describe and elaborate in your own words - (2×10 = 20)
    a- Why sustainable development is required to be implemented by all section? What was the need of the Earth Summit held at RioDeJaneiro, Brazil and the mention some of its outcomes?
    b- What is sustainable development goal 2030? Elaborate some of the SDG '30.

06. Write very short notes – (4×5 = 20)
    a- What is moral autonomy?
    b- Differentiate the different between ethics to that of engineering ethics.
    c- What do you understand by traditional knowledge systems?

d- What are some of the complex and gloomy situation encountered by professionals in the engineering field?

07. Mention some of the challenges on handling the moral issues by professionals in the field. What are some of the bottleneck that obstructs the development of a Nation? How digital India campaign can handle the problem of corruption.