

**Total number of printed pages: Programme UG /Semester II/Paper Code UHSS201**

**2022**

**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.*

- I. Answer in few words ( $10 \times 2 = 20$ )
- a. Mention 3 types of moral enquiry.
  - b. What is problem of vagueness?
  - c. what are the different aspects of collegiality?
  - d. write two condition for Informed consent.
  - e. what is white collar crime?
  - f. Mention two effects of acid rain.
  - g. Mention two safety measures to be known by every engineers.
  - h. what is Greenhouse effect?
  - i. Conscientiousness means?
  - j. What is Traditional Knowledge?
- II. Write short notes ( $4 \times 5 = 20$ )
- a. Intellectual Property Rights.
  - b. Ethical relativism and descriptive relativism
  - c. Tragedy of commons

- d. Assessment of safety and risk
- III. Explain in your own words ( $2 \times 10 = 20$ )
- Explain the Liability and doctrine of strict liability.
  - Explain Environmental ethics and mention some concerns of engineers.
- IV. Justify ( $2 \times 10 = 20$ )
- How ethical hackers plays as the protector of the organization? Explain different types of hackers.
  - “Safety is the first priority of professionalism”- explain various characteristic of professionalism.
- V. Discuss the following ( $2 \times 10 = 20$ )
- What is Code of ethics? Write the different roles and functions of the code of ethics?
  - Why moral autonomy is considered as one of the important characteristic of professionals? Explains the various levels of moral development as developed of L Kohlberg.
- VI. Answer in your own words ( $2 \times 20 = 20$ )
- How would you like to define Engineering ethics? Elaborate how Engineering ethic is helpful for the professional students?
  - “Professional responsibilities are considered to be the most basic and comprehensive professional virtue” Explain.
- VII. What is Sustainable development? Mention different sustainable development goals 2030 (SDG-2030) ? Do sustainable development is the only way to cope with the present crises? In what way the engineers can contribute? 20

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