

Name :

Roll No. :

Invigilator's Signature :

CS/B.TECH (CSE)/EE(O), EE(N)/ECE(O&N)/EIE(O&N)/EEE/CT/ICE/BME/TT/SEM-8/HU-801/2010

2010

VALUES & ETHICS IN PROFESSION

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any ten of the following :

10 × 1 = 10

- i) The three *E*'s in the 'Three *E* Decade' stand for
- a) Economy, Environment and Entrepreneurship
 - b) Economy, Environment and Ethics
 - c) Economy, Entrepreneurship and Ethics
 - d) Environment, Entrepreneurship and Ethics.
- ii) FERA stands for
- a) the Foreign Exchange Revolution Act
 - b) the Foreign Economy Regulation Act
 - c) the Foreign Exchange Regulation Act
 - d) the Foreign Economy Revolution Act.

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- iii) An individual's value system influences an individual's
- a) perceptions
 - b) attitudes
 - c) behaviour
 - d) all of these.
- iv) Ethics concerns attempts to distinguish between
- a) right from wrong
 - b) good from bad
 - c) moral from immoral
 - d) all of these.
- v) 'Values' is derived from
- a) Virtue
 - b) Viable
 - c) Valour
 - d) Valoir.
- vi) The word 'Ethics' comes from
- a) Ethos
 - b) Eternal
 - c) Egalitarian
 - d) Elementary.
- vii) The Bhopal Gas Tragedy occurred in
- a) 1984
 - b) 1980
 - c) 1986
 - d) 1992.
- viii) Which of the following is an instrumental value ?
- a) Satisfaction
 - b) Peace
 - c) Hard work
 - d) Security.
- ix) Agriculture accounts for of India's GDP.
- a) 20%
 - b) 30%
 - c) 25%
 - d) 35%.

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- x) The Air (Prevention and Control of Pollution) Act was introduced in
 - a) 1980
 - b) 1981
 - c) 1982
 - d) 1983.
- xi) The Environment Protection Act was introduced in
 - a) 1986
 - b) 1989
 - c) 1996
 - d) 1990.
- xii) Technological progress is a factor affecting the growth process of a country.
 - a) Non-economic
 - b) Economic
 - c) Ethical
 - d) Moral.

GROUP - B

(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

- 2. How would you define values ? Do you think that value education should be an integral part of engineering education ? 2 + 3
- 3. In what ways is engineering profession different from other professions ?
- 4. In which areas do the problems of man-machine interaction take place ?
- 5. What do you understand by energy crisis ? What ways would you suggest to overcome this crisis ? 2 + 3
- 6. In the context of authoritarian control of technology, do you think that engineers should have political imagination ?

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GROUP - C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. Define 'Code of Professional Ethics'. Explain some of the universally accepted codes of professional ethics. How far can Whistle blowing be treated as a failure of organizational ethics ? $2 + 6 + 7$
8. What is 'Good Life' ? "Happiness is a state of Mind." Discuss the statement in the idea of Good Life. What is meant by 'Value Spectrum' ? $4 + 6 + 5$
9. What do you mean by 'Transfer of Technology' ? Discuss different forms through which technology flows from laboratory towards the place of application. State the problems that developing countries face regarding transfer of new technology. $3 + 6 + 6$
10. Discuss the statement "fragmentation of knowledge in small water tight compartments of specialization is a form of value crisis at the intellectual level". Explain the psychological relationship between sound mental health and existence of integrated personality. $8 + 7$
11. What is meant by Environmental Ethics ? How Human-centeredness or Anthropocentrism is being one of the big constraints of maintenance of Ecological balance in the face of rapid technological growth ? Discuss 'Deep Ecology' in this regard. $3 + 8 + 4$