

CS/B.TECH (CSE/ECE/EE/EEE/EIE/TT/APM/

CT/BME/ICE)/SEM-8/HU-801/2012

2012

VALUES AND 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) Psychological values are concerned with
 - a) conflict and stress
 - b) personal virtue and ethical sensitivities
 - c) creation and enjoyment of beauty
 - d) happiness.
- ii) Free riding refer to
 - a) Gaining benefit at no cost
 - b) Horse riding
 - c) Gaining by hoarding
 - d) Gaining benefit at a certain cost.
- iii) aims to serve present needs while preserving the environment for future generations.
 - a) Eco-friendly Technology
 - b) Sustainable Development
 - c) Appropriate Technology
 - d) Technology Transfer.
- iv) The word 'Ethics' comes from
 - a) Ethos b) Eternity

- c) Elementary d) Essentiality.
- v) Which of following is an instrumental value ?
- a) Prosperity b) Truthfulness
- c) Satisfaction d) Peace and Harmony.
- vi) Which one of the following is environment friendly ?
- a) Atomic Energy b) Wind Energy
- c) Coal Energy d) Oil Energy.
- vii) Quality circle is
- a) Japanese concept b) Historic concept
- c) British concept d) Chinese concept.
- viii) Main objective of life is
- a) Earning wealth and fame anyhow
- b) Earning peace and bliss
- c) Earning reputation by fair means
- d) Be the winner defeating all others.
- ix) ISI-14000 is
- a) Product quality control
- b) Product safety standard
- c) Total preventive maintenance
- d) Environmental management standard.
- x) The most comprehensive term describing Indian thought on values is
- a) Moksha
- b) Sarvodaya
- c) Dharma
- d) Antyodaya
- e) none of these.
- xi) According to IEEE code of Ethics, the members are supposed to follow
- a) 10 codes b) 16 codes
- c) 12 codes d) 6 codes.

- xii) Limits to Growth refer to
- Limiting the pace of economic growth
 - Limiting environmental degradation
 - Reducing Industrial growth
 - Reduction in national income
 - None of these.

GROUP – B

(Short Answer Type Questions)

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

- Briefly discuss about the value crisis in contemporary Indian society.
- How does technology affect environment ?
- Write a note on Corporate Management and Ethics with respect to global business activities.
- What are the different problems associated with Man-Machine interaction ?
- Write about Innovation and Intellectual Property Rights (IPR).

GROUP – C

(Long Answer Type Questions)

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

- Define Technology. Discuss briefly, in this connection, interrelationship between Science, Engineering, Technology and Society. 3 + 12
- What is Good Life ? Highlight the conflicts between business demands and professional ideals. 5 + 10
- Briefly discuss 'Appropriate Technology Movement of Schumacher' and 'Report of 'Club of Rome'. 8 + 7
- Define Technology Transfer and explain the importance as well as problems associated with Technology Transfer. 3 + 12

3 + 12

11. Write short notes on any *three* of the following : 3 × 5

- a) Canons of Ethics
- b) Secularism
- c) Energy crisis
- d) Maslow's Need Hierarchy
- e) Environmental Ethics.

=====