	Utech
Name:	A
Roll No.:	In the State of Williams and State and
Invigilator's Signature :	

CS/B.TECH (NEW)/ECE/EE/EEE/EIE/ICE /PWE/BME/SEM-4/HU-401/2012

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 the following: $10 \times 1 = 10$
 - i) The most effective method of settling dispute is
 - a) collective bargaining b) arbitration
 - c) conciliation d) adjudication.
 - ii) Human values do not include
 - a) contentment b) vindictiveness
 - c) forbearance d) compassion.
 - iii) Man-Machine relationship governs the
 - a) output of the machine
 - b) quality of product
 - c) attitude of the operator
 - d) all of (a), (b) and (c).

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	iv)	Values that are related to the enjoyment of	fbeauty	is
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- a) societal
- b) spiritual
- c) aesthetic
- d) material.
- v) Renewable sources of energy are
 - a) diesel engine
- b) thermal power stations
- c) wind energy
- d) gas turbine.
- vi) Technology Transfer means
 - a) licensing agreement
 - b) systematic transfer of complete knowledge of manufacturing process from the design stage to final stage for making a product
 - c) transfer of Intellectual Property Right (IPR)
 - d) export of plants and machinery.
- vii) The term 'Sustainable Development' was coined by
 - a) Brundtland Commission
 - b) World Bank
 - c) World Trade Organisation
 - d) UNESCO.
- viii) Corporate Social Responsibility (CSR) is similar to
 - a) Social Ethics
 - b) Sustainable Ethics
 - c) Charity and Philanthropy
 - d) Sustainable Response Business.

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- ix) Corporate values do not support
 - a) lifetime employment b) devotion to customer
 - c) sole profit motive d) customer relation.
- x) What product cycle is long enough, a company is likely to chose its own?
 - a) R & D

- b) Process
- c) Product diversification d) None of these.

GROUP - B

(Short Answer Type Questions)

Answer any three of the following.

 $3 \times 5 = 15$

- 2. Explain in brief your ideas about challenges to sustainable development.
- 3. Discuss the role of engineers and technologists in the development of the society.
- 4. Explain the concept of Whistle Blowing with a suitable case.
- 5. What is the difference between Values and Ethics? What do you mean by Value Spectrum?

GROUP - C

(Long Answer Type Questions)

Answer any three of the following.

 $3 \times 15 = 45$

6. Global Warming is a major challenge faced by the mankind today. How, in your opinion, Engineers and Technologists can contribute in mitigating this problem? What are the roles of Renewable Energy in this context?

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- 7. Write short notes on any *three* of the following
 - a) Social Audit
 - b) Innovation
 - c) Value Judgement
 - d) Human Centred Technology.
- 8. Mention codes of ethics for Corporate Members. Mention one case of good corporate Social Responsibility. 10 + 5
- 9. What is Eco-friendly Technology? Give some examples of eco-friendly technologies and products. What steps, you feel, should India take to promote eco-friendly technology and product? 2 + 7 + 6
- Identify the different levels where value-crisis is seen in contemporary India. Briefly discuss the societal values enshrined in Indian Constitution in this context.
 8 + 7

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