



Name :

Roll No. :

Invigilator's Signature :

CS/B.Tech/AUE/ME/PE/SEM-7/HU-701/2012-13

2012

ETHICS IN ENGINEERING 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 × 1 = 10

i) Limits to growth was written by

- a) F.W. Taylor
- b) Abraham Maslow
- c) Meadows
- d) none of these.

ii) The German Blue Angel Environmental Labelling Scheme (Eco Mark) covered products.

- a) 2000
- b) 3000
- c) 4000
- d) none of these.



ix) The renewable sources of energies are

- a) solar, biogas, wind energy
- b) coal
- c) petroleum.

x) 'National Environment Policy was enacted in the year

- a) 2002
- b) 2003
- c) 2004
- d) 2005.

GROUP - B

(Short Answer Type Questions)

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

2. What do you mean by the profession ? What are the ethical issues in Engineering profession ?
3. What is Whistle Blowing ? How Whistle Blowing would be handled by employers section ?
4. What is Club of Rome ? Do you think its forecast was justifiable in modern perspective ?
5. What is sustainable development ? State the main objectives of sustainable development.
6. What do you mean by energy crisis faced by the world to-day ? How can it be solved ? Explain with proper examples.



GROUP - C
(Long Answer Type Questions)

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

7. How is technology assessment related with technology transfer ? What do you mean by appropriate technology & the ways of acquiring right type of technology ? 7 + 8

 8. a) How do you explain the "Nuclear threat" to the world that emerges from the arms race ?

b) Suggest suitable solutions for resolving various conflicts between business demands & professional ideals. 9 + 6

 9. What is the values spectrum of a good life ? Suggest how we can develop some important dimensions of life. 7 + 8

 10. What is "Corporate social responsibility" ? How can a company provide to the society through' proper implementation of Corporate social responsibility ? Give some examples. 2 + 10 + 3

 11. Describe the salient features of the philosophy propounded by Lewis Mumford about the nature of technology growth. State his views on British Industrial Revolution. 8 + 7
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