

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 :

10X1 = 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.

iii) The word 'ethics' comes from

a) Ethos b) Eternal

c) Egalitarian d) Elementary.

iv) The name which is associated with Water gate scandal
in USA is

a) Washington b) Ronald Regan

c) Richard Nixon d) None of these.

v) The term 'ecocentrism' refers to

a) the life centred approach

b) eco-system centred approach

- c) the human centred approach.
- vi) Which of the following is not eco-friendly technology ?
- a) Solar technology b) Bi-cycles
c) Motor vehicles d) Bio-gas.
- vii) 'The Club of Rome' was founded in
- a) 1972 b) 1968
c) 2008 d) 2012.
- viii) The full form of CFC is
- a) cloro-fluoro carbon
b) clorin fluoric carbon
c) 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. $8 + 7$