



Name :

Roll No. :

Invigilator's Signature :

CS/BCA/SEP.SUPPLE/SEM-5/HU-501/2012

2012

VALUES AND ETHICS OF 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) "Energy Crisis" has led to
 - a) Energy consumption
 - b) Energy conservation
 - c) Generation of non-conventional energy
 - d) Non-renewable energy.
- ii) Social values are part of moral education for professional engineers.
 - a) True
 - b) False
 - c) Two are not related
 - d) Undersirable.
- iii) Reports of Club of Rome relate to
 - a) subscription for club membership
 - b) give clue to sustainable development
 - c) offers air fare to go to Rome
 - d) describe the legendary conquests of Rome.



- iv) What is meant by Integrated Personality ?
 - a) Personality of a good citizen
 - b) Personality which integrates various qualities
 - c) Personality of people in a good society
 - d) All of these.
- v) Carrying capacity of environment is concerned with the growth of
 - a) Population
 - b) Species
 - c) Community
 - d) Forests.
- vi) 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.
- vii) Resource depletion is concerned with
 - a) finite and non-renewable resources
 - b) finite and renewable resources
 - c) infinite and non-renewable resources
 - d) infinite and renewable resources.
- viii) Ethics concerns attempts to distinguish between
 - a) right from wrong
 - b) good from bad
 - c) moral from immoral
 - d) all of these.
- ix) MINAS stands for
 - a) Minimal Natural Standards
 - b) Minimum Natural Standards
 - c) Minimal National Standards
 - d) Minimum Natural Standards.



- x) One of the problems of technology transfer
- a) the terms and conditions often omits a large number of products
 - b) language problem
 - c) delay in payment
 - d) all of these.
- xi) is an example of renewable resource.
- a) Minerals
 - b) Soil
 - c) Coal
 - d) Cyclone.
- xii) One of the objectives of sustainable development is.....
- a) Ecological balance
 - b) Economic growth
 - c) Protection of environment
 - d) Protect renewable resources.

GROUP – B

(Short Answer Type Questions)

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

2. What are the characteristics of an ideal profession ?
3. Discuss the postulates of ethics.
4. Write a note on the concept of value judgement.
5. How can eco-friendly technology solve the problems of environmental degradation ?
6. Examine the ethical issues involved in engineering practices.



GROUP – C

(Long Answer Type Questions)

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

7. What do you understand by Whistle Blowing ? Is it ethical ? Is there a right to indulge in Whistle Blowing ? Discuss. $5 + 5 + 5$
8. a) State the problems arrived at due to the Man-Machine interaction in Modern Era.
b) What is Sustainable Development ? Discuss it's relevance in modern society. $7 + 8$
9. Discuss technology impact analysis. What are the problems of technology transfer ? Discuss the social responsibility of technologists. $5 + 5 + 5$
10. Discuss the appropriate technology movement of Schumacher. Discuss the conflicts between business demands and professional ideals. $8 + 7$
11. Write short notes any *three* of the following : 3×5
- a) Aesthetic values
 - b) Impact of automation
 - c) Human centered technology
 - d) Value spectrum
 - e) Canons of ethics.