

2013

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 Question)

1. Choose the correct alternatives for any *ten* of the following:
10 x 1 = 10
 - i) An individual value system influences an individual's
 - a) perceptions
 - b) attitude
 - c) behaviour
 - d) all of these.
 - ii) Ethics concerns attempts to distinguish between
 - a) right from wrong
 - b) good from bad
 - c) moral from immoral
 - d) all of these.
 - iii) CSR means
 - a) Community Social Responsibility
 - b) Corporate Social Responsibility
 - c) Community Service Responsibility
 - d) Citizen's Social Responsibility

- iv) Limit to Growth refers to
 - a) Limiting the pace of economic growth
 - b) Reduction of national income
 - c) Reducing the industrial growth
 - d) None of these.
- v) Ecology means
 - a) Study of surroundings
 - b) Study of interrelationship between living things and between living creatures and the environment
 - c) Study of flora and fauna
 - d) None of these.
- vi) Technology as such does not
 - a) upgrade new knowledge
 - b) apply new knowledge
 - c) create new knowledge
 - d) require new knowledge
- vii) Man-Machine relationship governs the
 - a) output of the machine
 - b) quality of product
 - c) attitude of the operator
 - d) all of these.
- viii) Plastic is
 - a) Non-biodegradable waste
 - b) Biodegradable waste
 - c) Chemical waste
 - d) All of these.

- ix) The acid rain is closely related with
- a) burning of garbage
 - b) burning of acidic substances
 - c) burning of inorganic metals
 - d) burning of organic substances.
- x) Which one of the following gases and chemicals dissociates environmental ozone allowing radiation of ultraviolet rays?
- a) Methane
 - b) Sulphur dioxide
 - c) Carbon dioxide
 - d) Chlorofluorocarbon.
- xi) Resource depletion is concerned with
- a) finite and non-renewable resources
 - b) finite and renewable resources
 - c) infinite and non-renewable resources
 - d) none of these.
- xii) Whistle blowing means
- a) disclose wrong doings of an organization
 - b) some limits crossing the threshold value
 - c) blowing the whistle when there is problem in the industry
 - d) warning against disaster.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following.

3 x 5 = 15

2. How does technology affect environment?
3. Discuss the issue of environmental ethics as may be relevant for a chief engineer of a plant.
4. Differentiate between instrumental value and industrial value.

5. What do you mean by sustainable development? How does it affect business decisions? 2+3
6. Write short notes on any one of the following: 5
 - i) Club of Rome
 - ii) Problem of Technology transfer.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. 3 x 15 = 45

7. What is appropriate technology? When was it proposed and by whom? What are the essential features of appropriate technology? State two examples of appropriate technology that may be relevant in the Indian scenario. What are the possible drawbacks of appropriate technology? 2+4+6+3
8. What is meant by global warming? What are the greenhouse gases? What are the abrupt impacts of global warming? What is carbon credit? 3+4+3+3+2
9. What do you mean by values and ethics? Name the different sources of renewable energy. What are the different mechanisms of technology transfer? What should be the core qualities of a true professional? 4+3+4+4
10. Identify the major problems associated with different forms of anthropogenic (Human caused) environmental disorder in different forms of renewable energy resource to overcome the limits world energy. 8+7
11. What do you mean by 'Value Crisis'? Discuss the various levels where the crisis is felt in contemporary Indian Society. How can scarcities be avoided? 5+5+5

12. Write short notes on any *three* of the following:

3 x 5

- a) Eco-friendly technology
- b) Social values
- c) Materialistic values
- d) Value system.

=====