

CS/MCA/ODD SEM/SEM-5/HU-501/2016-17



**MAULANA ABUL KALAM AZAD UNIVERSITY OF
TECHNOLOGY, WEST BENGAL**

Paper Code : HU-501

VALUES & 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) CSR refers to
- a) Corporate Social Responsibility
 - b) Community Social Responsibility
 - c) Community Special Rules
 - d) Corporate Spatial Regulation.

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vi) The steep rise of right-consciousness along with decline of duty-consciousness is a form of value crisis at

- a) Societal level
- b) Individual level
- c) Intellectual level
- d) Cultural level.

vii) Energy crisis calls for

- a) Energy consumption
- b) Energy trading
- c) Energy conservation
- d) Non-renewable energy generation.

viii) Value education for professional should be

- a) cultural
- b) religious
- c) intelligent
- d) inspirational.

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ix) The book entitled "Small as Beautiful" is written by

- a) E.F. Schumacher b) Adam Smith
- c) Malthus d) Gandhi.

x) The Club Of Rome was founded in

- a) 1972 b) 1968
- c) 2000 d) none of these.

xi) Biomass is

- a) plant material
- b) biological mass of animal
- c) biological waste
- d) biological mass of both animals and plants.

xii) One of the objectives of sustainable development is

- a) ecological balance
- b) economic growth
- c) protection of environment
- d) none of these.

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GROUP - B

(Short Answer Type Questions)

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

2. Discuss the influence of man and machine interaction on an assembly line.
3. What do you mean by whistle blowing ? State the factors involved in this process.
4. Discuss the E.F. Schumacher's idea of "Appropriate Technology Movement".
5. Discuss the impact of rapid technological growth in the Indian context. How is it related with energy crisis in the Indian context ?
6. Write short notes on any *two* of the following : $2 \times 2\frac{1}{2}$
 - a) Global warming
 - b) Human Centered Technology
 - c) Non-renewable Resource
 - d) Environmental Ethics.

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GROUP - C

(Long Answer Type Questions)

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

7. Differentiate among Science, Engineering and Technology. Define Technology Transfer and discuss the different steps of Technology Transfer and merits and demerits associated with Technology Transfer. $5 + 10$
8. What is meant by limits to growth ? State briefly the findings and recommendations of "Club Of Rome" on the state of world growth trend of the twentieth century. What does "Sustainable Development" imply ?
9. What is Environmental Degradation and how is man responsible for it ? What are the adverse effects of Environmental Degradation ? What are Ecofriendly technologies in the context of solving the problem of environmental degradation ? $5 + 5 + 5$
10. a) What are the different types of values ? Give examples of each type.
b) Define "value spectrum of good life". Explain it with Indian value spectrum of good life.
c) What is value crisis ? $5 + 5 + 5$

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11. a) What is professional code of ethics ? Discuss the steps of EIA (Environmental Impact Analysis) study.
- b) Discuss pollution as a socio-economic problem.

5 + 5 + 5
