

CS/B.TECH/CVE/CE/ME/CSE/IT/AUE/CHE/FT/MRE/PE/BT/
TT/APM/LT/ODD SEM/SEM-3/HU-301/2016-17



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

Paper Code : HU-301

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 Questions)

1. Choose the correct alternatives for any *ten* of the
following : $10 \times 1 = 10$

- i) The most effective method of settling dispute is
 - a) Collective bargaining
 - b) Arbitration
 - c) Conciliation
 - d) Adjudication.
- ii) Human values do not include
 - a) Contentment
 - b) Vindictiveness
 - c) Forebearance
 - d) Compassion.

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- iii) Renewable source of energy is
 - a) Diesel engine
 - b) Thermal power station
 - c) Wind energy
 - d) Gas turbine.
- iv) The term "Sustainable Development" is coined by
 - a) Brundtland commission
 - b) World Bank
 - c) World trade Organisation
 - d) UNESCO.
- v) Perception & enjoyment of the beauty comes under
 - a) Psychological values
 - b) Moral values
 - c) Aesthetic values
 - d) Societal values.
- vi) Whistle Blowing is
 - a) Moral
 - b) Obligatory
 - c) Both of these
 - d) none of these.
- vii) Clarity comes under
 - a) Value crisis
 - b) Moral & ethical values
 - c) Aesthetic values
 - d) Societal values.
- viii) Which one of the following is environment friendly ?
 - a) Atomic energy
 - b) Wind energy
 - c) Coal energy
 - d) Oil energy.

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- ix) Reports of Club Rome is related to
- subscription for club membership
 - give clue to sustainable development
 - offers airfare to go to Rome
 - describe the legendary conquests of Rome.
- x) Quality circle is
- Japanese concept
 - Historic concept
 - British concept
 - Chinese concept.
- xi) Application of science, technology & engineering has made mankind
- civilized & sociable
 - uncivilized
 - unsociable
 - fall pray to foreignness.

GROUP - B

(Short Answer Type Questions)

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

- Define the term "Value Spectrum of Good Life".
- Explain the reports of Club of Rome.
- Discuss the reasons behind the problems arising between man-machine interaction.
- What is sub-assembly & final assembly line ? Briefly discuss with an example.
- What is professional ethics ? Discuss the ethical issues in engineering profession.

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GROUP - C

(Long Answer Type Questions)

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

- What is Whistle Blowing ? What precautions should be taken by an engineer before blowing the whistle in India ? $5 + 10$
- What do you mean by limits to Growth ? Discuss briefly about sustainable development in the perspective of Socio-economic, Political and Environmental points of view. $4 + 11$
- Write about the environmental pollution and state briefly about how eco-friendly technologies can be adopted to combat this problem.
 - Discuss the relevance of appropriate technology in the context of socio-economic problems of third world nations. $9 + 6$
- What is the value spectrum of a good life ? Suggest how we can develop some important dimensions of life.
 - What is value crisis ? How can value crisis be avoided ? $9 + 6$
- Write short notes on any *three* of the following : 3×5
 - Engineering as a profession
 - Energy crisis
 - Justice
 - Depletion of natural resources
 - Mental Health and Self Actualization.