



THE OPEN UNIVERSITY OF SRI LANKA  
B. Sc. DEGREE PROGRAMME – LEVEL 03  
FINAL EXAMINATION – 2009/2010

ETHICS IN SCIENCE AND TECHNOLOGY – PCU 1102

Duration: Two (02) hours

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Date: 17<sup>th</sup> June 2010

Time: 09.30 a. m. – 11.30 a. m.

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Answer any four (04) questions.

1. When we need to make an ethical decision, Ethical Principles provide us a framework to identify situations and analyze them. State the three ethical principles and describe them in detail.
2. Describe in detail the process of acquiring a new value.
3. Briefly describe the following.
  - i. Overt values
  - ii. Moral reasoning
  - iii. Shared values
4. Discuss how values of medical ethics help in providing a better medical care.
5. a) What is moral dilemma?  
b) Describe how moral dilemma could be overcome?
6. Write short notes on any two of the following:
  - a. Ethical issues in bio-technology
  - b. Informed consent in medical practice
  - c. Conflict of interest.

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