

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

SIXTH SEMESTER – APRIL 2016

AZ 6605/AZ 6602 – FACETS OF BIO ETHICS

Date: 21-04-2016

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

PART – A

Answer ALL questions, each in a few words

(10 × 2 = 20 marks)

01. Distinguish ethics and bioethics.
02. What is Universal Declaration of Human Rights?
03. What is *El Nino* weather phenomenon?
04. Define Climate Change.
05. What are Bt crops?
06. What are biological weapons? Give two examples.
07. What is surrogacy?
08. What is prenatal diagnosis? Mention any one method of doing it.
09. What is “informed consent” in clinical research?
10. Comment on GLP.

PART - B

Answer any FOUR questions, each in about two pages

(4 × 10 = 40 marks)

11. Explain the civil and political rights of people.
12. Examine the present status of Bhopal gas tragedy.
13. Describe any five uses of genetically modified microorganisms.
14. Explain Biohazards and Biosafety.
15. Highlight on: (i) Human Genome Project; (ii) Biopiracy.
16. Express your views on death penalty with due reasons.

PART - C

Answer any TWO questions, each in about 4 pages

(2 × 20 = 40 marks)

17. Give an account of regulations on laboratory field experiments in India.
18. Discuss the ethical aspects of human cloning.
19. Give an account on ethics in clinical trials.
20. Highlight on: (i) Animal Ethics Committee; (ii) Labeling of GM food; (iii) Patenting genes;
(iv) Kyoto protocol.

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