

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

SIXTH SEMESTER – APRIL 2018

AZ 6605– FACETS OF BIO ETHICS

Date: 21-04-2018

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. What is neutrino project in Tamilnadu?
02. Mention any four fundamental rights guaranteed in the Constitution of India.
03. Name any four important gases that contribute to the greenhouse effect on earth.
04. Define global warming.
05. Who is MedhaPatkar?
06. What is womb leasing? Mention an advantage and a disadvantage.
07. What is “informed consent” in medical ethics??
08. Define biopiracy? Give two examples.
09. Comment on *Bacillus anthracis*.
10. Expand: (i) UDHR (ii) Bt; (iii) GMO; (iv) UNFCCC

PART B

Answer any FOUR questions, each in about two pages:

4 × 10 = 40 marks

11. Discuss the pros and cons of hydrocarbon exploration in agricultural fields.
12. Explain the ethical and legal issues of gene patenting.
13. Elaborate any five problems which might arise due to the genetically modified foods.
14. Write a paragraph on the impacts of deforestation on biodiversity, soil, and society.
15. Comment on the uses of microbes as biological weapons.
16. Is euthanasia ethical? Discuss the positive and negative effects.

PART C

Answer any TWO questions, each in about 4 pages:

2 × 20 = 40 marks

17. Write an essay on environmental ethical issues of industrialization and urbanization.
18. Explain the use of genetic engineering in producing GMO. Discuss the ethical aspects.
19. Discuss the ethical aspects of human cloning.
20. Comment on the ethical aspects of the following: (i) Honour killing; (ii) Jallikattu; (iii) Milking the cow; (iv) Whale hunting.
