



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

SIXTH SEMESTER – APRIL 2017

AZ 6605- FACETS OF BIO ETHICS

Date: 24-04-2017
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

PART – A

Answer ALL the questions.

10x2 = 20 Marks

1. What are human rights?
2. Explain the directive principle.
3. What are xenobiotics?
4. What do you understand by climate ethics?
5. Mention any four GMO foods.
6. What is patenting.
7. What is genetic engineering?
8. Give any four microbes used in biological weapon system.
9. What is cloning?
10. What is bio-safety?

PART-B

Answer any FOUR questions.

4x10 = 40 Marks

11. Discuss briefly ethical issue related to industrial environment.
12. Explain the role of NGOs in relation to ecological problems.
13. Give an account of biopiracy and ethics.
14. What is the ethical value in increasing the quality and taste of crop?
15. Explain the various legislations on bio-safety.
16. What are the benefits of prenatal diagnosis? Justify.

PART-C

2x20 = 40 Marks

Answer any TWO questions.

17. Discuss the ethical issues related to Sardar Sarovar Narmadha Project.
18. Elaborate the ARTICLE 21 of Indian Constitution.
19. Why should we regulate the laboratory experiments with animals?
20. Human cloning is against the natural law. Discuss.
