

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

P.G. DEGREE EXAMINATION – COMMON PAPER

THIRD SEMESTER – NOVEMBER 2009

BT 3925 - BIOETHICS

Date & Time: 16/11/2009 / 9:00 - 12:00 Dept. No.

Max. : 100 Marks

PART A

Answer all the Questions

(10x2=20)

I. Answer the following questions each in about 50 words.

1. Define Ethics.
2. What does the term “GRAS” refer to?
3. Write short notes on copyrights.
4. What is Artificial insemination?
5. Expand the following: USDA, GATT, TRIPS, ART.
6. Explain 4-R concept.
7. What is Pharmacogenetics?
8. Is Euthanasia ethically correct?
9. What are oncogenes?
10. Write short notes on ‘Hibbered patent’.

PART B

II. Answer any five of the following questions each in about 350 words. (5x8=40)

11. What are ethical, legal and social issues related to science and technology?
12. What are Plant Breeder’s rights? Who can apply for it?
13. How far can we justify the organ transplantation therapy?
14. What is the moral objection for *in vitro-fertilization* and embryo transfer?
15. What are the dangers of biological weapons if developed by some country?
16. Explain the impact of health care resources in therapeutic treatments.
17. Write a comprehensive account on the biosafety regulations.
18. What is patent? Elaborate the procedures involved in the application for granting a patent.

PART C

III. Answer the following questions each in about 1500 words. (2x20=40)

19. (a) Comment on the ethical issues related to the practical aspects of biopiracy.

(or)

(b) Explain the EU’s approach in labeling genetically modified foods.

20. (a) “Bioethics should be the basic frame work in human cloning” – Justify the statement.

(or)

(b) Describe the moral debate concerning the embryonic stem cell research.
