

IMAYAM ARTS AND SCIENCE COLLEGE – KANNANUR, THURAIYUR
DEPARTMENT OF MICROBIOLOGY
QUESTION BANK

Title of the Paper: Microbial biotechnology

Subject code: 16SMBEMB3

Unit: V

Answer the following questions (2 Mark questions)

1. What is Bioethics?
2. What is ethics?
3. Why teach Bioethics?
4. What are the ethical issues of animal testing?
5. What are animal ethics?
6. How do animals use ethics?
7. Why is animal ethics important?
8. Define genes?
9. Gene Therapy
10. In vivo gene therapy
11. Antisense gene therapy
12. Germ line gene therapy
13. Embryo gene therapy
14. Somatic cell gene therapy
15. Comment on recombinant DNA techniques?
16. Embryo?
17. Fertilization
18. Foetus
19. Biomedical ethics
20. Transferred gene
21. Autonomy
22. Justice
23. IPR
24. Patents
25. Copy rights
26. Trade mark
27. Trade secrete
28. Types of patents?
29. Beneficence
30. Non-maleficence
31. SCID
32. GMOs
33. Biotechnology
34. Modern biotechnology
35. Advantages of bioethics

Answer the following questions (5 Mark questions)

1. Difference between ethics and bioethics?
2. Medical ethics is a profession – Discuss.
3. Medical ethics is a philanthropy – Discuss.
4. Write about the experimental goals of human embryo research.
5. Account on ethics through embryo development.
6. Discuss briefly about ethical limits of animal use
7. Write about the philosophical views of animal status.
8. Comment on the ethics of somatic cell gene therapy
9. Write about the economic factors of gene therapy.
10. Explain how will you make new strains of animals.
11. Write an essay on general ethical concern?
12. How medical ethics involved in history and culture?
13. Account on safety of transferred genes.
14. Discuss briefly about the religion views of animal status.
15. Examine critically the philosophical views of animal status.
16. What is therapy? Explain its efficiency of treatment.
17. When we should use gene therapy?
18. Write about the status of human embryo.
19. Describe the ethics of somatic cell gene therapy.
20. Write about the ethical limits of animal use.
