

Code :R7412302

R7

IV B.Tech I Semester(R07) Supplementary Examinations, May/June 2011
BIO ETHICS, BIO SAFETY & INTELLECTUAL PROPERTY RIGHTS
(Biotechnology)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

1. (a) Explain future bioethical conflicts in biotechnology.
(b) Discuss the global issues of technology transfer.
2. Discuss classification of organisms based on risks for laboratory workers and the environment. Outline the risk groups and biosafety level. Discuss spill protocols and waste disposal precautions and methods, regulatory compliance and containment.
3. What is the present global scenario of use of genetically modified organism also discuss social and ethical issues associated with it.
4. Elucidate the scope of GLP in biotechnology and also discuss its merits.
5. Outline the process in the filing of a patent. What is the post-acceptance process? Mention the salient features of the right of priority of the Paris convention. What is meant by opposition and infringement of a patent?
6. Elucidate copyright. What forms of intellectual property comes under copyright issues.
7. (a) Explain the role of GATT and WTO in agriculture subsidies.
(b) Role of WTO in liberalizing trade.
8. What is WTO? Discuss various treaties enforced by WTO.
