

Code :9ABS303

RA

III B.Tech II Semester(R07) Regular & Supplementary Examinations, April/May 2011
ENVIRONMENTAL SCIENCE
(Biotechnology)

(For students of RR regulation readmitted to III B.Tech II Semester R07)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

1. (a) Discuss the multidisciplinary nature of environmental studies.
(b) Write about the need for public awareness of environmental science.
2. (a) Discuss the uses of forest resources and its over exploitation.
(b) Explain the effect of dams and mining on forest and tribal people.
3. (a) Write in detail about the concept of an ecosystem. How does energy flow take place in an ecosystem?
(b) Write about the characteristic features, structure and function of an aquatic ecosystem.
4. (a) Discuss about biodiversity and need for its conservation.
(b) Write notes on endangered and endemic species of India.
5. (a) Define air pollution. Discuss causes, effects and control measures of air pollution.
(b) Write notes on "Nuclear Hazards". Discuss a recent case-study of your choice of a nuclear hazard.
6. (a) Explain what is solid waste management.
(b) Discuss the management of urban waste.
7. (a) Write an essay on "Climate change and its effect on human living".
(b) Write about "Forest conservation Act".
8. Write short notes on:
 - (a) Family welfare programmes.
 - (b) HIV/AIDS.
 - (c) Population explosion.
 - (d) Value education.
