



M 23311

Reg. No. :

Name :

**VI Semester B.Tech. Degree (Reg./Sup./Imp. – Including Part Time)
Examination, May 2013
(2007 Admn. Onwards)
PT 2K6/2K6 EC/CS/IT/AEI 601 : ENVIRONMENTAL ENGINEERING AND
DISASTER MANAGEMENT**

Time: 3 Hours

Max. Marks : 100

Instruction : Answer all questions.

- I. a) Explain the multidisciplinary nature of environmental studies.
b) What is the role of an engineer in the conservation of natural resources.
c) Describe the role of fertilizer and pesticide in food chain.
d) Mention the hot spots of biodiversity in India.
e) What are the sources of noise pollution ?
f) Explain the role of voluntary agencies and community participation at disaster management.
g) Briefly describe the role of information technology in human health.
h) Write a short note on global warming. (8×5=40)
- II. a) Explain the environmental effects of deforestation.
OR
b) List the mineral resources in India. Discuss about the social damages of mining. 15
- III. a) Explain the types and structure of aquatic ecosystems. What are the environmental factors affecting the aquatic ecosystem performance ?
OR
b) Explain the social aesthetic and option value of biodiversity. 15

P.T.O.



IV. a) Explain the cause, effects and control measures of Air pollution.

OR

b) What is the role of public awareness in the conservation of nature ? What are the issues involved in the enforcement of environmental legislation ? 15

V. a) Explain the role of rain water harvesting and watershed management in the conservation of water.

OR

b) Explain the role of value education. What is the social concern about HIV/AIDS ? 15

GEC WAYANAD