

Date: 24/05/2016

GANPAT UNIVERSITY

Exam No: _____

B. TECH SEM- IV II ALL BRANCH

REGULAR & REMEDIAL EXAMINATION - APRIL-JUNE-2016

2CI 103: Environmental Studies and Disaster Management

TIME: 3 HRS

TOTAL MARKS: 60

- Instructions: (1) This Question paper has two sections. Attempt each section in separate answer book.
(2) Figures on right indicate marks.
(3) Be precise and to the point in answering the descriptive Questions.

SECTION: I

- Que.1 A. Explain the objectives of environmental education. (05)
B. Explain sustainable development and IPAT model. (05)
- OR
- Que. 1 A. Explain Impact of technology on environment. (05)
B. Describe environmental degradation. (05)
- Que.2 A. Explain Grazing food chain and Detritus food chain. (05)
B. Explain forest ecosystem, grassland ecosystem, desert ecosystem. (05)
- OR
- Que.2 A. Describe in detail energy flow. Explain ecological pyramids based on numbers, biomass and energy. (05)
B. Explain Pond Ecosystem, Lake Ecosystem, River Ecosystem, Marine Ecosystem. (05)
- Que.3 A. Explain Nitrogen Cycle. (05)
B. What are the advantages and disadvantages of conventional energy sources? (05)

SECTION: II

- Que.4 Attempt the following (10)
A. How Earthquake occurs? Explain Tectonic Plate Theory.
B. Explain Ozone Layer depletion process
- OR
- Que.4 Attempt the following (10)
A. Explain the types of floods. Also state its adverse effects on human.
B. Explain Acid Rain chemistry.
- Que.5 A. Write a short note on Meuse Valley Disaster (04)
B. Write the general health effects of air pollution. (04)
C. Define Pollution and Pollutant (02)
- OR
- Que.5 A. Write a short note on the Minamata Disaster: (04)
B. Write the general health effects of water pollution. (04)
C. Define Noise Pollution and enlist its sources. (02)
- Que.6 A. Define: War, Terrorism, Riots, Stampedes, Demonstrations (05)
B. Explain the components of disaster management. (05)

-----END OF PAPER-----