

Date: 01/06/2017,

New

Ervinif,

Student Exam No. _____

GANPAT UNIVERSITY

B. TECH. SEMESTER: 1+2 (All Branch) ENGINEERING

REGULAR EXAMINATION APRIL- JUNE 2017

2CI103 ENVIRONMENTAL STUDY & DISASTER MANAGMENT

Time: 3 Hours

Total Marks: 60

- Instruction:** 1. This Question paper has two sections. Attempt each section in separate answer book.
2. Figure right side indicates marks.
3. be precise and to the point in answering the descriptive questions.

SECTION - I

- Que. - 1 A. Explain interrelationship between various components of environment. 05
B. Explain the objectives of Environmental Education. 05

OR

- Que. - 1 A. What is sustainable development? How it can be achieved? 05
B. Explain the impact of technology and development on environment. 05

- Que. - 2 A. Define the term ecology and gives its objectives. 05
B. Write a short note on forest ecosystem. 05

OR

- Que. - 2 A. Describe oxygen cycle in detail. 05
B. Write a short note on Energy flow in the ecosystem. 05

- Que. - 3 A. State the various types of ecological pyramids and its model. 05
Describe any one ecological pyramid in detail.
B. Differentiate renewable/non-conventional energy sources and non-renewable / conventional energy sources. 05

SECTION - II

- Que. - 4 A. Explain the structure of atmosphere with neat sketch. 06
B. Give a note on eutrophication. 04

OR

- Que. - 4 A. Describe global warming and its effects on environment. 06
B. Enlist and explain classification of water pollutants. 04
Que. - 5 A. What is flood? Explain different types of floods. 05
B. Explain the disaster management at three levels. 05

OR

- Que. - 5 A. Define: convergence, divergence and transformational movement of tectonic plates. 05
- B. Discuss components of pre-disaster management. 05
- Que. - 6 A. Explain the types of accidental disasters. 05
- B. Enlist the manmade disasters and explain any one in detail. 05

END OF PAPER