

## FIRST TERM EXAMINATION

Write your Roll no. immediately

Roll no. \_\_\_\_\_

**B. TECH. Sem – II**

**February 2018**

**Paper code: ETEN-114**

**Environmental Studies**

**Duration: 1 hr 30 min**

**Max. Marks: 30**

**Note: Attempt three questions including Question no. 1 which is compulsory**

**Q1** Choose any *five* **(5 x 2 = 10)**

- a) Why “environmental studies” is multidisciplinary in nature?
- b) Define food chain and food web. Give one example of each.
- c) Give some remedial measures for minimizing the impact of drought.
- d) Briefly explain shifting cultivation.
- e) What is sub surface mining?
- f) List any two merits and demerits, each, of geothermal energy.
- g) What do you understand by malnutrition and over-nutrition?
- h) Differentiate between endemic and endangered species.

**Q2** a) Discuss in detail the causes and consequences of deforestation. **(5,3,2)**

- b) What do you understand by ecological succession?
- c) Write a short note on desertification.

**Q3** a) What are mineral resources? Give its classification and describe the effects of mineral extraction on the environment. **(5,3,2)**

- b) Briefly explain water harvesting techniques.
- c) Write about estuarine ecosystem.

**Q4** a) Describe in detail the approaches for conservation of biodiversity. **(5,3,2)**

- b) Give a brief account of the problems related to waterlogging.
- c) Explain Ocean Thermal Energy Conversion process briefly.