B.TECH.
THEORY EXAMINATION (SEM–VI) 2016-17
EARTH AND EVIRONMENT

Time : 3 Hours   *Max. Marks : 100*

Note : *Be precise in your answer. In case of numerical problem assume data wherever not provided.*

SECTION – A

1. **Attempt the following:**   **10 x 2 = 20**
  (a) Explain Greenhouse Effect.
  (b) Explain Biosphere.
  (c) Explain biogeochemical cycle.
  (d) What is Organic farming?
  (e) What are Natural hazards?
  (f) Explain Aquaculture.
  (g) What are Renewable biological resources?
  (h) Differentiate traditional and modern agriculture.
  (i) Define water harvesting.
  (j) Explain mineral recycling.

SECTION – B

2. **Attempt any five of the following questions:**   **5 x 10 = 50**
  (a) Write classification of Natural Resources.
  (b) Explain Ecological impacts of modern agriculture.
  (c) What is Effect of population increase on environment?
  (d) Define air, water and soil pollution.
  (e) Discuss with example the local environmental problem.
  (f) Discuss earth's energy budget.
  (g) Discuss climate and climate change.
  (h) Define wildlife conservation/management.

SECTION – C

Attempt any two parts of the following questions: **2 x 15 = 30**

3. What do you mean by Mineral Resources? What are the various environmental impacts of mineral extraction?

4. Dams and environment, comment on it.

5. Discuss causes of global warming.