

Session: 2021-22

B. Tech 4thYear (VIIth Semester)

Subject: (7AG6) Environmental Engineering and Disaster Management

Instructions

- 1) Use A4 size plain paper and Cobra file.
- 2) Draw all sketch using pencil.

Last date of submission: - 25-12-2021

Assignment: -02

Section-A

1. Define Environmental Engineering.
2. What is disaster management?
3. What is Environment?
4. What is water sanitation?
5. List the sources of water supply.
6. Define the pH of drinking water.
7. What is air pollutant?
8. Define smog with an example.
9. What is bio-magnification?
10. Enlist different types of air pollutants.

Section-B

1. Describe the components of environment in short.
2. Write in brief, standards of drinking water.
3. Write down steps/ways to meet the water crisis.
4. What is waste and why does it require managements?
5. When is the National Disaster Reduction Day celebrated in India and why?
6. Write in short, the various types of natural, human induced and slow acting disasters.
7. Report the state of urban air pollution in India. What is its impact on health, especially on that of children?

Section-C

1. Elaborate- scope and importance of environmental engineering. Why do we say that any study of the environment becomes an interdisciplinary one?
2. Discuss the requirements for urban and rural water supply system. How does intake and transportation of water affect its quality?
3. How will you measure the quality of drinking water? Why water is a unique source and how much water do we need daily?

4. What is a solid waste? Describe sources of solid waste. Give the detailed account of solid waste management.
5. Explain how do educated people view global warming and climate change. Why do we have so many sceptics? How can we convince them of the urgency of climate change?