



University of Engineering & Management, Kolkata

Term – II Examination, October-November, 2021

Programme Name: B.Tech in Computer Science

Semester: 5th

Paper Name: Environmental Sciences

Paper Code: MC501

Full Marks:100

Time: 3 hours

GROUP A (20 Marks)

Answer the following questions. Each question is of 2 marks.

- 1.i) Define Ecosystem
- ii) Define secondary pollutants
- iii) What is greenhouse effect?
- iv) Define Forest conservation act.
- v) What do you mean by pollutants?
- vi) Define PAN.
- vii) Define smog.
- viii) What do you mean by pollutants?
- ix) Name two diseases that are caused by air pollution.
- x) Define Noise pollution.

GROUP B (30 Marks)

Answer the following questions. Each question is of 5 marks.

2. Distinguish between sulphurous smog and nitrogenous smog.
3. Discuss in detail “Hydrological cycle”
4. How noise pollution can be controlled?
5. What are the importance of Environmental Protection Act?
Or
What are the adverse effects of ozone hole formation on animals & plants?
6. What are the effects of natural disaster?.
Or
Discuss different types of man-made disasters.
7. Write a short note on disinfection using chlorine.
Or
Explain why Urban Planning is important?

GROUP C (50 Marks)

Answer the following questions. Each question is of 10 marks.

- 8.** Explain the impact of greenhouse gases on Agriculture.
- 9.** What is the function of Cyclone separator? Explain with a simple diagram.
- 10.** Explain how to reduce Soil pollution?
Or
What are the effects of global warming on aquatic life?
- 11.** Explain water quality parameter in details.
Or
What are the differences between ground water and surface water?
- 12.** Explain Eutrophication & its effects
Or
Write a short note on: “pesticide pollution & its effects”.
