

Time → 2:30 hrs

Maximum marks - 50

(1) Attempt any two : (2×5=10)

- (a) Discuss the importance of eco-system in this modern environment.
- (b) Explain the significance of Biodiversity in human life.
- (c) Explain the term :
(i) Urbanization (ii) Biodegradation.

(2) Attempt any three : (3×4=12)

- (a) Explain in brief the sources of pollution.
- (b) Differentiate b/w natural & man-made pollution with eg.?
- (c) Differentiate b/w Biodegradation & Biodegradability.
- (d) Discuss the use of biopesticides and biofungicides to uproot the problem of microbes from plants.
- (e) Write a short note on Ozone layer depletion & its effect on environment.

(3) Attempt any two : (2×4=8)

- (a) Discuss the role of green house in disaster mgt^m.
- (b) Explain deforestation. Discuss the factors causing deforestation.
- (c) Discuss a case study of bad impact of deforestation in India.

(4) Write short notes on any four : (4×3=12)

- (a) Biofungicides
- (b) mgt^m (management of water pollution)
- (c) Ozone layer depletion
- (d) Natural & man-made pollution
- (e) Cyclones
- (f) Bog filters

(5) Attempt any two: ($2 \times 4 = 8$)

- (a) Discuss the treatment methods of effluent domestic water, waste water and industrial / mining waste water.
- (b) Explain 'Air pollution'. Discuss the types of air pollution's pollutants which causes air pollution.
- (c) Discuss vehicular pollution and its control with special emphasis of Euro-I, Euro-II, Euro-III and Euro-IV.