

- d) What are the primary and secondary air pollutant? 2½
- e) Explain the harmful effect of photochemical smog? 2½
- f) What are the sources of green house gases? Discuss their effect on climate? 2½
4. a) Discuss in details the renewable and non renewable energy sources. 5
- b) What is nuclear pollution? Explain how can reduce nuclear pollution? 5

OR

- c) What are the advantages of nuclear energy? 2½
- d) Write a short notes on geothermal energy? 2½
- e) How can we prevent nuclear disaster? 2½
- f) Write a short note on disposal of nuclear waste? 2½
5. Solve **any ten** short answer questions. 10
- a) Write the use of potassium Permanganate.
- b) Name any two commonly produced industrial inorganic chemicals?
- c) Why industrial gases are harmful?
- d) Define metallurgy?
- e) What is main function of biogeochemical cycle?
- f) What is biocatalysis?
- g) what is Global warming?
- h) Write major regions of Atmosphere?
- i) What is effect of particle size on air pollution?
- j) What is nuclear fission?
- k) What is Tidal energy.
- l) Write any three sources of energy?
