

(T: 5: P = 4: 0: 0) 100 marks

**OET3.1: Environment and Health:**

**Unit – 1** Environmental Health Problems: Health problems related to the environmental degradation, vulnerable groups in society. Environmental factors that can potentially affect health environment and health indicators, major environmental and health issues, Specific pollutants or issues, in indoor and outdoor environment Health problems, Human Bio monitoring.

**Unit – 2** Environmental Risks and the Disease Burden: Environmental risks and the disease burden in different regions of countries and in India, Environmental factors the burden of disease in India. The health effects of air pollution. Health risks associated with agricultural and industrial pollution.

**Unit – 3** Environmental Health Risk Assessment and intervention : Introduction, the Determination of risk, Risk assessment, Risk assessment methods, Risk monitoring, Risk communication, protecting the public, Risk assessment in public health, Environmental impact studies.

**Unit – 4** Occupational hazards of agricultural workers somatic diseased, accidents, toxic hazards, physical hazards, respiratory diseases, accidents in industry, sickness absenteeism, health problems due to industrialization.

**References :**

1. [http://ec.europa.eu/environment/health/index\\_en.htm](http://ec.europa.eu/environment/health/index_en.htm)
2. [http://ec.europa.eu/environment/health/index\\_en.htm](http://ec.europa.eu/environment/health/index_en.htm)
3. Biosafety and Bioethics by Sateesh M.K
4. Essentials of Environmental Health By Robert H Friis
5. Environmental health: ecological perspectives by Kathryn Hilgenkamp
6. Understanding Environmental Health: How We Live in the World by Nancy Irwin Maxwell,
7. Environmental Epidemiology: Principles and Methods by Ray M.Merrill,
8. Environmental Studies by Major Tiwari, Kapil Kulbe, Archana Tiwari, I.K.International.

OEP 3.1: Environment x Health  
(T: 5: P = 0: 0: 2) 50 Marks