



**Indira Gandhi National Tribal University,
Amarkantak (M.P.)**

Undergraduate Programmes

Environmental Science

Ist Semester Examinations, April - 2023

Subject – Inter Disciplinary Major -

Environmental Pollution and Human Health

Paper Code- EVS-IDMT 111

Max Time: 3 Hrs.

Max Marks: 60

नोट: किन्ही पांच प्रश्नों के उत्तर दीजिये | प्रत्येक प्रश्न 12 अंकों का है |

Note: Answer any five questions. Each question carries 12 marks.

(5x12=60)

Q.1. Define air pollutant and its types? Describe health effect of different types of air pollutant ? (4+8)

OR

Q.1. What is smog and its types? Describe any four different control technique of air pollution ? (4+8)

Q.2. What is bioaccumulation and biomagnification ? Write difference between oligotrophic and eutrophic lake? (6+6)

OR

Q.2. Explain briefly physical, chemical and biological characteristics of water? (4+4+4)

Q.3. What are POPs and dirty dozens? How do POPs affect the environment and human health (6+6)

OR

Q.3. What are micro-nutrient and macro-nutrient elements? Describe environmental and health effect of arsenic (As), mercury(Hg) and cadmium (Cd)? (2+10)

Q.4. What is noise pollution? Explain various sources and impact of noise pollution? (2+10)

OR

Q.4. What is marine pollution? Describe various source and effect of marine pollution ? (2+10)

Q.5. What are PCBs? Describe source , effect and control measures of soil pollution? (2+10)

OR

Q.5. Write short notes on (4x3=12)

- a) Eutrophication
- b) Particulate matter
- c) Sources of radioactive pollution
- d) Thermal pollution
