

Environmental Science

Time: 90 minutes

Total Marks: 45

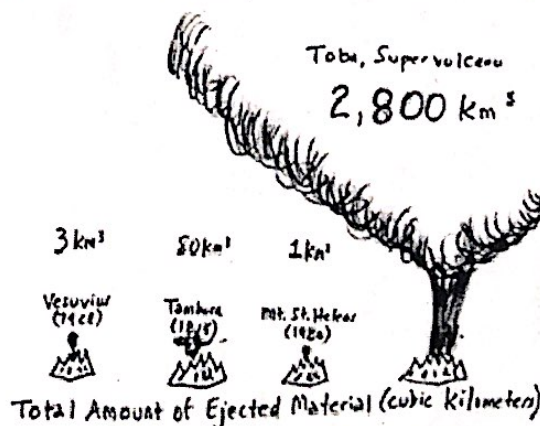
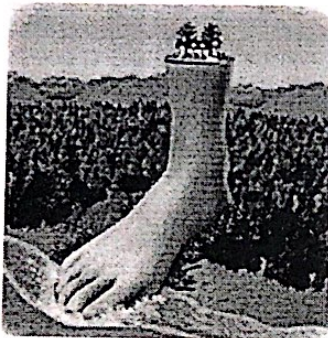
Note: No clarifications will be given during the exam

If need, make Suitable assumptions and state it clearly when answering

1. Answer any **four** of the following (each 6 points = 6×0.5) 4x3=12
 - a. Eutrophication b. Mobile radiation impact on children c. Blast fishing
 - d. Environmental Index e. Aral Sea f. Dinosaur extinction
2. Answer any **one** of the following with suitable example (6 points) 1x3=3
 - a. In a "commons" open to all, unregulated use will deplete limited resources.
 - b. Environmental science can help us avoid mistakes made by past civilizations.
 - c. Negative feedback of ecological degradation.
3. Explain the scientific phenomenon for any **three** of the following (each 8 pts; $8 \times 0.5 = 4$) 3x4=12
 - a. Arctic indigenous people being poisoned by industry thousands of miles Away"
 - b. The great 1984 Ethiopian famine
 - c. Super cooling of Earth and formation of ice caps
 - d. Change in Earth rotation
4. Answer any **one** of the following (8 points) 1x8=8
 - a. Radon pollution (sources, process, impact and prevention)
 - b. Ventilation measurements and parameters affecting IAQ
5. Explain any **one** Environmental Movement (8 points; 8×0.5) 1x5=5
6. Explain any **one** of the following (10 points; 10×0.5) 1x5=5

Water
→ short time
→ Uranium concentration

vent pipes
— buy house where ↓ radon
— Seal cracks
— Use safe building materials
— good ventilation of lower floor



Bishnoi - Amrita Devi
Whejri
Sunderlal Bahugan
Abhay Singh, Son of Arjit Singh

29 wler