

Environmental Science

Time: 90 minutes

Total Marks: 45

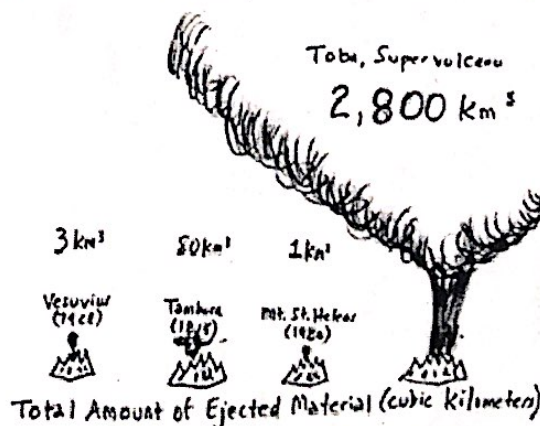
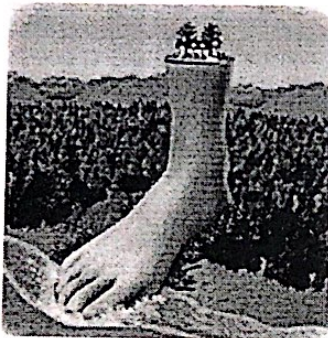
Note: No clarifications will be given during the exam

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

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

29 wler