

B.Sc. (Part-I) (CBCS Pattern) Semester-II
**USENVT03 - Environmental Science Paper-I - Elements of Environmental
Science**

P. Pages : 1

Time : Three Hours



GUG/W/24/11580

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate the answers with suitable diagrams and examples.

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| 1. | Discuss specific heat and latent heat as physical properties of water. | 10 |
| | OR | |
| | a) Explain pH as chemical property of water. | 5 |
| | b) Discuss composition of ocean water. | 5 |
| 2. | Discuss effects of climate change on glacier and agriculture. | 10 |
| | OR | |
| | a) Briefly explain green house effect. | 5 |
| | b) Discuss effects of ozone layer depletion on man. | 5 |
| 3. | Discuss role of government agency in environmental education. | 10 |
| | OR | |
| | a) Explain solid waste management as priorities in India. | 5 |
| | b) Discuss objectives of environmental education. | 5 |
| 4. | Discuss people's participation in Tehri dam and Chipko Movement for environmental protection. | 10 |
| | OR | |
| | a) Briefly explain Jal Biradari Project. | 5 |
| | b) Discuss principles of sustainable development. | 5 |
| 5. | Answer in brief any ten . | 10 |
| | a) What is water balance? | |
| | b) What is brackish water? | |
| | c) State types of subsurface water. | |
| | d) Define global warming. | |
| | e) Give the significance of ozone layer. | |
| | f) Give the full form of GHGs. | |
| | g) State goals of environmental education. | |
| | h) Briefly explain Earth summit 1992. | |
| | i) Mention national environmental organisations. | |
| | j) Who is the activist of Sardar Sarovar Narmada Project? | |
| | k) What is sustainable development? | |
| | l) Give full form of NGO. | |
