

3.5 GEO-A-DSE-A-6-~~15~~-TH – Environmental Issues in Geography ✧ 60 Marks / 4 Credits

1. Geographers' approach to environmental studies
2. Concept of holistic environment and systems approach
3. Ecosystems and their relation with habitats. Habitat loss in West Bengal
4. Wetland ecosystem with special reference to East Kolkata Wetlands
5. Rural environmental issues: Special reference to sanitation and public health
6. Urban environmental issues with special reference to waste management
7. Environmental policies – Club of Rome, earth summits (special reference to Stockholm, Rio, Johannesburg)
8. Global initiatives for environmental management (special reference to Montreal, Kyoto, Paris)
9. Environmental Impact Assessment and Environmental Management Planning
10. Overview of principal environment-related regulations of India. Review of their achievements
11. Principles of wasteland management with special reference to West Bengal
12. Principles of forest management with special reference to West Bengal

References

Books:

- Basu, R. and Bhaduri, S. (Eds) 2007. Contemporary Issues and Techniques in Geography, Progressive Publishers.
- Chandna, R.C. 2002. Environmental Geography, Kalyani Press.
- Chapman, J.L., Reiz, M.J. 1993. Ecology: Principle and Applications, Cambridge University Press.
- Cunningham, W.P., Cunningham, M.A. 2004. Principals of Environmental Science: Inquiry and Applications, Tata Macgraw Hill.
- Goudie, A. 2001. 2013. The Human Impact on the Natural Environment: Past, Present, and Future, 7th ed, Wiley-Blackwell.
- Gilpin, A., 1994. Environmental Impact Assessment: Cutting Edge for the 21st Century, Cambridge University Press.
- Miller, G.T. 2004. Environmental Science: Working with the Earth, Thomson Brooks.
- Odum, E.P., Barrett, G.W. 2005. Fundamentals of Ecology, Ceneage Learning.
- Raven, P.H., Hassenzahl, D.M., Hager, M.C., Gift, N.Y., Berg, L.R. 2015. Environment, 9th ed, Wiley.
- Sharma, P.D. 2011. Ecology and Environment, Rastogi Publications.
- Singh, S. 2013. Environmental Geography, Prayag Pustak Bhawan.
- Withgott, J.H., Laposata, M. 2017. Environment: The Science behind the Stories, 6th ed, Pearson.

WEBSITES:

BBC – Science & Environment: www.bbc.com/news/science_and_environment

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