

Subject:-Environmental Studies

Semester 1st (CBCS)

Session-2020-21

Time allotted:- 3 hours

Maximum Marks :- 80

Subject code- UESTS-104

Note:- Attempt any four questions out of the given eight questions. Each question carries 20 marks.

Q. 1 (a) Define Environment (5 marks)

(b) Explain the Abiotic and biotic components of an ecosystem. (15 Marks)

Q.2. (a) What are Ecological Pyramids. (5 Marks)

(b) Explain the concept with the pyramids of numbers and energy. (15 Marks)

Q.3. (a) What are hot spots of biodiversity? (5 marks)

(b) Discuss the various Values of Biodiversity. (15 marks)

Q.4. (a) What do you mean by ecotourism? (5marks)

(b) Explain India as a Mega diversity nation and hot spots of biodiversity in India.
(15Marks)

Q.5. (a) Define biogeochemical cycles. (5 marks)

(b) Discuss methods adopted for conservation of biodiversity. (15 marks)

Q.6. (a) Write a short note on Geothermal energy. (5 marks)

(b) Explain various types of problems associated with modern agriculture. (15 marks)

Q.7. (a) Write a short note on shifting Cultivation. (5 marks)

(b) Detail account on renewal sources of energy. (15 Marks)

Q.8. (a) Brief account on habitat destruction (5 marks)

(b) Draw and explain energy flow diagram in a typical ecosystem. (15 marks)