

Syllabus of Subject Awareness for M.Sc. (Environmental Science)
Entrance Examination (GBU-ET 2020)

SUBJECT AWARENESS

The Earth's environment-Atmosphere, Hydrosphere, Lithosphere and Biosphere; Human population and environment; Ecology-Definition, types and importance; Ecosystem-Definition, types and structure (forest, grassland, desert, wetland and water bodies), energy flow and food chains; nutrients (carbon and nitrogen) cycling and water cycle, causes of ecosystem degradation; Renewable and non-renewable energy resources; Global environmental problems-Global warming and climate change, Loss of biodiversity, Ozone layer depletion, Acid rain and Marine pollution-their causes, effects and control/conservation measures; Environmental pollution-types, causes, effects and control measures; Solid waste management; Introduction of natural and anthropogenic disasters viz., Earthquake, Landslide, Cloud burst, Climate change, Cyclone and fire; Sustainable development: Concept, causes of unsustainability, Importance of sustainability

ENGLISH PROFICIENCY

Comprehension, Vocabulary, Basic English Grammar (like usage of correct forms of verbs, prepositions and articles), Word power, Synonyms and Antonyms, Meanings of words and phrases, Technical writing

GENERAL AWARENESS

Current Affairs of National and International Economy, History, Sports News, Science in everyday life, Politics, Geography, Culture, Economics, Trade Awareness, Personalities in News, Indian Constitution