

- (c) Discuss the advantages and disadvantages of large dams in the context of North East region. 10

Or

What is EIA ? Discuss the significance of EIA in assessing the effects of a project or development proposal. 3+7=10

Total number of printed pages-4

3 (Sem-5/CBCS) BOT HE 1

2023

BOTANY

(Honours Elective)

Paper : BOT-HE-5016

(Natural Resource Management)

Full Marks : 60

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Answer the following :

1×7=7

- (a) What are non-conventional energy resources?
- (b) What is desertification?
- (c) What is Agenda 2030 of United Nations?
- (d) Which organisation is responsible for assessment of forest cover in India using satellite data on a two-year cycle?

Contd.

(e) For self sustained society what are five
Fs of Chipko Movement?

(f) Write the full form of IUCN.

(g) What is Cartagena Protocol?

2. Answer the following questions : 2×4=8

(a) What is biomass energy?

(b) Remote sensing technology.

(c) What is ecological foot print?

(d) What is participatory resource
appraisal?

3. Answer **any three** of the following
questions: 5×3=15

(a) What is carbon footprint? How
reducing carbon footprint will help in
combating climate change?

(b) Write about the genesis of CBD and its
significance.

(c) What is land use and land cover
change? How it influences the
biodiversity?

(d) Discuss the different methods of soil
conservation practices.

(e) Discuss various measures to curb the
Man-Animal conflict in Assam.

4. Answer the following questions : 10×3=30

(a) What are the main impacts of
development on environment? Discuss
the basic measures taken for the
environmental management. 5+5=10

Or

'Sustainable utilization of resources is
key to achieve the ecological, economic
and socio-cultural sustainability.'
—Discuss. 10

(b) What is bioprospecting? How IPR helps
to safeguard the bioprospecting of
indigenous knowledge of the people of
India. 3+7=10

Or

Discuss the various values of
biodiversity. 10