Total number of printed pages-4 DVIL JIN BELLY

3 (Sem-5/CBCS) BOT HE 1

Wate the 12023

What is CANALOR Section 2

(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: $1 \times 7 = 7$

 - (a) What are non-conventional energy word & resources? and the art and W LON
 - (b) What is desertification?
 - (c) What is Agenda 2030 of United Nations? erman, hitsia
 - (d) Which organisation is responsible for and assessment of forest cover in India using satellite data on a two-year cycle?

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- (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: $2\times4=8$
 - (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 foot print? 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?

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- (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.

(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

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- (c) Discuss the advantages and disadvantages of large dams in the context of North East region. 10
- (e) Discuss various measures to curb the Man-Animal condition in Assault.

What is EIA? Discuss the significance of EIA in assessing the effects of a project or development proposal.

3+7=10

for What are the main impacts of development and curaromment? Discuss inc basic menorates taken for the concrement.

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(a) What is bloszosponing 2 How 412 maps to suffigured the biomissional of indigenous knowledge of the people of hards.

40

Discuss the various values of biodicersity.