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Name.....

Reg. No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JUNE 2014

(CUCSS)

Botany

BOO2 CT 07—PLANT ECOLOGY AND CONSERVATION, PHYTOGEOGRAPHY AND FOREST BOTANY

Maximum : 36 Weightage

Time : Three Hours

I. Answer the questions very briefly :

- 1 Write a short on Afforestation.
- 2 What is biotic potential ?
- 3 What is Ozone depletion ?
- 4 What is Deforestation ?
- 5 What is Phytochoria ?
- 6 What is Paleoendemic hypothesis ?
- 7 What is Continental drift ?
- 8 Write a short note on Green House Effect.
- 9 What is Paradigm shift ?
- 10 What is Gaya hypothesis ?
- 11 What is deciduous forest ?
- 12 Write a short note on glaciations.
- 13 What is Keystone species ?
- 14 What is biosphere reserve ?

(14 × 1 = 14 weightage)

II. Answer any *seven* questions in not more than 100 words :

- 15 Write a note on the salient features of terrestrial habitat.
- 16 Give an account on productivity and energy flow.
- 17 Explain the consequences of deforestation.
- 18 Give an account on technique of remote sensing.
- 19 Explain the pattern of plant distribution.
- 20 Write a note on theory of land bridges.

Turn over

- 21 Write a note on influences of forests on environment.
- 22 Write a note on deep ecology.
- 23 Give an account on the forest products.
- 24 Give a brief note on National parks.

(7 × 2 = 14 weighta

III. Answer any two questions in 300 words each :

- 25 Give a detailed account on environment and its pollution.
- 26 Describe the Phytochoria of World in India.
- 27 Explain the various types of forests in the world and in India.
- 28 Explain the sustainable utilization of bioresources with releivation of biodiversity conservati

(2 × 4 = 8 weighta

(14 × 1 = 14 weighta)

Answer any seven questions in not more than 100 words :

- 15. Write a note on the salient features of terrestrial habitat.
- 16. Give an account on productivity and energy flow.
- 17. Explain the consequences of deforestation.
- 18. Give an account on technique of remote sensing.
- 19. Explain the pattern of plant distribution.
- 20. Write a note on theory of land bridges.

Turn over