

PGDESD - 05

December - Examination 2015

PGDESD Examination**Natural Resource Management: Physical
& Biotech****Paper - PGDESD - 05****Time : 3 Hours]****[Max. Marks :- 100**

Note : The question paper is divided into three sections A, B and C. Write answers as per the given instructions.

Section - A

10 x 2 = 20

(Very short Answer type Questions)

Note : Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to 30 words. Each question carries 2 marks.

- 1) (i) Define natural resource.
- (ii) What is soil?
- (iii) Define mineral.
- (iv) Define biogeography.

- (v) Define extinction vortex.
- (vi) Explain DNA fingerprinting.
- (vii) What is Wallace's line?
- (viii) Define biogeographic realm.
- (ix) Define ecotourism.
- (x) List any five principles of biodiversity conservation.

Section - B

4 x 10 = 40

(Short Answer type Questions)

Note : Answer any four questions. Each answer should not exceed 200 words. Each question carries 10 marks.

- 2) Discuss some important rainfall pattern in India.
- 3) What are various reasons for soil degradation?
- 4) What are acid soils? Where do they occur in India?
- 5) How does biodiversity help in ecosystem regulation?
- 6) List the factors that affect the distribution of biological diversity?
- 7) Make a note on taiga forests.
- 8) Discuss the importance of communication in biodiversity conservation.
- 9) Describe the functions and zonation of a biosphere reserve?

Section - C

2 x 20 = 40

(Long Answer Questions)

Note : Answer any two questions. You have to delimit your each answer maximum 500 words. Each question carries 20 Marks.

- 10) Discuss the factors responsible for water crisis in India.
 - 11) Explain in detail the categories of threatened species.
 - 12) Describe the biogeographic regions of the world.
 - 13) Explain the social and economic strategies of biodiversity conservation?
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