

PGDESD - 06
December - Examination 2015
PGDESD Examination
Agriculture and Environment
Paper - PGDESD - 06

Time : 3 Hours]

[Max. Marks :- 100

Note: The question paper is divided into three sections A, B and C. Write answer 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) Describe the climatic hypothesis of evolution of agriculture?
- (ii) Explain recycling of nutrients in agro-ecosystem?
- (iii) Define land degradation?
- (iv) Differentiate between land and soil?
- (v) Explain wind erosion of soil?
- (vi) What is ecosystem diversity?
- (vii) Define sodic soils?

- (viii) What is green manuring?
- (ix) Define food security?
- (x) Define GIS?

Section - B
(Short answer Questions)

4 x 10 = 40

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

- 2) Explain the types of agro ecosystem?
- 3) Describe soil salinization?
- 4) Explain the environmental impact of pesticides?
- 5) Make a note on solar energy?
- 6) Describe dry farming?
- 7) Discuss the importance of biodiversity management?
- 8) Discuss the main products of bee keeping?
- 9) Make a note on sericulture in India?

Section - C
(Long answer Questions)

2 x 20 = 40

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

- 10) Discuss agro-climatic zones of Indian subcontinent?
 - 11) Describe the importance of biodiversity for agriculture?
 - 12) Explain the benefits of organic farming?
 - 13) Explain in detail the plantation crops of India?
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