

Duration: 2 hours 30 minutes

Marks: 60

Instructions to the candidates:

1. Attempt all questions
2. Neat diagrams must be drawn wherever necessary
3. Figures to the right indicate marks for each question

- Q1.** Attempt any **two** of the following
- | | | |
|----|--|----|
| a) | What is the ecological footprint? Add a note on Carrying capacity. | 06 |
| b) | Elaborate on Twenty point program of Govt. of India. | 06 |
| c) | Define IPR. Give an account on its types. | 06 |
- Q2.** Attempt any **two** of the following
- | | | |
|----|---|----|
| a) | What is Green Business? give some examples. | 06 |
| b) | Explain corporate social responsibility. | 06 |
| c) | Describe in detail the introduction to Nature's Living Planet Index developed by WWF. | 06 |
- Q3.** Attempt any **two** of the following
- | | | |
|----|---|----|
| a) | Briefly explain rural and urban planning for sustainable development. | 06 |
| b) | Elaborate on green roofing and green building with examples. | 06 |
| c) | Give an account on green city solutions. | 06 |
- Q4.** Attempt any **two** of the following
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|----|---|----|
| a) | Explain rain water harvesting method for management of water resources. | 06 |
| b) | Describe case study of Tehri dam. | 06 |
| c) | Discuss the causes and effects of desertification. | 06 |
- Q5.** Attempt any **four** of the following
- | | | |
|----|--|----|
| a) | Traffic calming. | 03 |
| b) | Key programs introduced to increase agricultural productivity. | 03 |
| c) | Urban farming. | 03 |
| d) | Dow Jones sustainability index. | 03 |
| e) | Gross domestic product. | 03 |
| f) | Characteristics of NGO. | 03 |
