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|-------------------------------------------------------------------------|---|----|-----|
| 20. List out the key urban problems related to energy consumption.      | 2 | K1 | CO4 |
| 21. Define sustainable development.                                     | 2 | K1 | CO5 |
| 22. How can family welfare programs help in managing population growth? | 2 | K1 | CO5 |

**PART - C (6 × 11 = 66 Marks)**

Answer ALL Questions

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|-----------------------------------------------------------------------------------------------------|----|----|-----|
| 23. a) Discuss in detail the conservation of biodiversity by in situ method.                        | 11 | K2 | CO1 |
| <b>OR</b>                                                                                           |    |    |     |
| b) Explain the various threats to biodiversity.                                                     | 11 | K2 | CO1 |
| 24. a) Explain the causes, effects and control measures of air pollution.                           | 11 | K2 | CO2 |
| <b>OR</b>                                                                                           |    |    |     |
| b) Evaluate earthquake preparedness and management strategies.                                      | 11 | K2 | CO2 |
| 25. a) Discuss the environmental impacts of modern agriculture.                                     | 11 | K2 | CO3 |
| <b>OR</b>                                                                                           |    |    |     |
| b) State deforestation. Explain the various causes and consequences of deforestation.               | 11 | K2 | CO3 |
| 26. a) Demonstrate the method of Rainwater harvesting.                                              | 11 | K2 | CO4 |
| <b>OR</b>                                                                                           |    |    |     |
| b) Discuss the causes and effects of global warming.                                                | 11 | K2 | CO4 |
| 27. a) State AIDS. Discuss briefly on the modes of transmission of HIV and how it can be prevented. | 11 | K2 | CO5 |
| <b>OR</b>                                                                                           |    |    |     |
| b) Analyze the role of information technology in environmental monitoring and protection.           | 11 | K2 | CO5 |
| 28. a) (i) Discuss the effectiveness of the Wildlife Protection Act in conserving biodiversity.     | 6  | K2 | CO4 |
| (ii) Define human rights and discuss their significance in modern society.                          | 5  | K2 | CO5 |
| <b>OR</b>                                                                                           |    |    |     |
| b) (i) Discuss the causes and effects of acid rain.                                                 | 6  | K2 | CO4 |
| (ii) Define sustainable development. Explain the measures to attain sustainability.                 | 5  | K2 | CO5 |