

Q1a) Explain the following using examples

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|------|------------------------------|---------|
| i) | Sustainable development | 2 Marks |
| ii) | Intergenerational equity | 2Marks |
| iii) | Environmental sustainability | 2Marks |
| iv) | Environmental degradation | 2Marks |
| v) | Urban heat island | 2marks |

b) Explain how urban areas and cities contribute to Climate Change [10 Marks]

c) Using examples, explain the impact of globalization on the environment [10 Marks]

Q2a) Discuss how the problem of solid waste can be solved in urban areas and cities 10 Marks

b) Discuss the impact of the following on the environment

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|-------------------------|--------|
| i) Population | 2Marks |
| ii)Technology | 2Marks |
| iii) Poverty | 2Marks |
| iv) Transportation | 2Marks |
| v)Building Construction | 2Marks |

Q3) Discuss the following:

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|-----|---|----------|
| i) | Limits to Growth by the Club of Rome using well labelled diagram | 10 Marks |
| ii) | Impact of urbanization on the environment | 10Marks] |

Q4a) How can physical and land use planning be leveraged to achieve environmental sustainability [10 Marks]

b) Discuss the impact of energy production and use on the environment [10 Marks]

Q5a) What assumptions are usually taken into consideration while computing ecological foot print (EFP)? [10 Marks]

b) What questions would you pose that will enable you to generate appropriate data for computing the Ecological Foot Print of an organization
10 Marks