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APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
THIRD SEMESTER. PLANNING (URBAN PLANNING) DEGREE EXAMINATION,
DECEMBER 2017

Course Code: PL6301**Course Name: SUSTAINABLE URBAN PLANNING**

Max. Marks: 60

Duration: 3 Hours

*Answer to the point. Illustrations carry due marks***PART A***Answer all questions, each carries 5 marks.**(Answer in a maximum of 5 sentences and supporting sketches)*

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|---|--|-----|
| 1 | Discuss the Kyoto Protocol | (5) |
| 2 | How does development affect environment | (5) |
| 3 | Explain the generation of greenhouse gases | (5) |

PART B*Answer all questions, each carries 10 marks.**(Answer in a maximum of 400 words and supporting sketches)*

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|---|--|------|
| 4 | A) How India has responded to the changing climate problem and responded to the international efforts to control the same. | (10) |
| | OR | |
| | B) Discuss the Kasturirangan report and its efforts on managing environment. | (10) |
| 5 | A) Discuss the new concepts of energy planning and management | (10) |
| | OR | |
| | B) Explain the mitigation of climate change in urban areas using a case study. | (10) |
| 6 | A) What is the role of EIA in large scale projects and how this can be used as a tool to reduce the impact of these projects on environment? | (10) |
| | OR | |
| | B) Explain the government involvement in bringing in sustainable urban development in India. | (10) |

PART C*Answer in a maximum of 600 words and supporting sketches, carries 15 marks.*

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| 7 | a) Explain the importance of understanding the concept of carrying capacity while planning for urban areas, especially in ecologically sensitive areas. | (15) |
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