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Register Number:

Date: **28-04-2017**

**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27**

**VI Semester Examination: April – 2017**

**B.Sc. – Environmental Science**

**ES 6212: Town Planning and Environmental Impact Assessment**

**Time: 3 Hours Max. Marks: 100**

**(*For supplementary candidates only)***

***Attach this question paper with the answer script***

**THIS PAPER HAS ONE PRINTED SIDE AND THREE PARTS**

**Instruction: Draw diagrams wherever necessary**

**PART – A**

**Answer any five of the following questions: 5x4=20**

1. What is town planning? List the principles of town planning?
2. List any four issues associated with unplanned urban expansion.
3. What are Eco cities? List any two of their properties.
4. List any four environmental differences between urban and rural areas.
5. What is cost-benefit analysis? What is its role in EIA?
6. What is scoping? What are its advantages?
7. What is a rapid EIA? When is it preferred?

**PART – B**

**Write explanatory notes on any five of the following: 5X7=35**

1. Forms of planning
2. Lewis Mumford’s categorisation of towns
3. Site selection criteria for industries
4. Advantages of urban renewal
5. Principles of village planning
6. Basic principles of an EIA
7. Environmental audits

**PART – C**

**Answer the following: 3X15=45**

1. Provide a detailed account of the methods of growth of cities and towns.

**OR**

Write elaborate notes on Zoning with respect to an urban area.

1. Discuss the stages of an EIA process.

**OR**

Give a detailed account of the methods of impact identification.

1. Discuss the role of the participants of an EIA process.

**OR**

Present a case-study of an Environmental Impact Assessment process.