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Register Number:

Date:

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

**IV Semester Examination: April – 2017**

**B.Sc. – Environmental Science**

**ES 415 - Natural Resources and Management**

**Time: 1½ hrs. Max. marks 35**

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

**Instruction: Write diagrams wherever necessary.**

# PART- A

## Answer any five of the following. 1x5=5

1. Define ‘land-use patterns’.
2. What is watershed management?
3. What are sacred groves?
4. List the levels of biodiversity.
5. What is captive breeding?
6. What are ‘out of danger’ species?
7. What is desertification?

**PART- B**

**Write explanatory notes on any four of the following. 5X4=20**

1. Ecotourism
2. Ex-situ conservation
3. Case study – Snow Leopard
4. Wildlife Protection Act
5. Grasslands of India
6. Quarrying and its impacts

**PART- C**

**Answer the following. 10X1=10**

1. Give a detailed account of biodiversity hotspots on India.

**OR**

Discuss the causes, types, impacts and control measures of soil erosion.

ES-415-B-17