

**M. SC. (ENVIRONMENT SCIENCE AND TECHNOLOGY) SEM -  
I (CBCS) (2013 COURSE) : SUMMER - 2018  
SUBJECT: FUNDAMENTAL OF SUSTAINABLE DEVELOPMENT**

Day: **Friday**  
Date: **13/04/2018**

Time: **10.00 AM TO 01.00 PM**  
Max Marks. 60

**S-2018-1100**

**N.B.**

- 1) Answer any **FIVE** questions.
- 2) Figures to the right indicate **FULL** marks.

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- Q.1** a) Describe the challenges of sustainable development with special reference to rapid population growth. (06)
- b) Describe the positive and negative effects of globalization on sustainable development with suitable examples. (06)
- Q.2** a) How has environmental education evolved in India? State its current status. (06)
- b) Describe public private partnership as one of the tools for achieving sustainable development with atleast two examples. (06)
- Q.3** a) What is systems thinking? Provide suitable examples. (06)
- b) What is the role of micro finance in sustainable development? Support your answer with examples. (06)
- Q.4** a) What is Agenda 21? How does it address the issue of sustainable development? (06)
- b) How do innovations in technology help in achieving sustainable development? Provide suitable examples. (06)
- Q.5** a) Describe the role of leadership in ESD? (06)
- b) What is indigenous knowledge? What is its role in sustainable development? (06)
- Q.6** Write short notes on any **THREE** (12)
- a) Systems landscape
  - b) Climate change and food security
  - c) Sustainable cities
  - d) Religious revival and sustainable development

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