

PARUL UNIVERSITY
FACULTY OF APPLIED SCIENCE
B.Sc, Examination Winter 2017-18

Semester: 1**Subject Code: 11100101****Subject Name: Environmental Science****Date: 22/12/2017****Time: 10:30 am to 1:00 pm****Total Marks: 60****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1. A)** Explain causes, pollutants, control and effects of Water pollution. (08)
- Q.1. B) Answer the following questions (Any two)**
- (a) Describe Radiation pollution. (04)
- (b) What is wave energy? Give applications. (04)
- (c) Short note: Control of Noise pollution. (04)
- Q.2. A) Answer the following questions.**
- (a) What are root causes of Air pollution? How we can reduce it? (04)
- (b) Short note: Land Pollution. (04)
- Q.2. B) Answer the following questions (Any two)**
- (a) Short note/ Multiple choice questions. (Each of 01 marks) (03)**
1. What is scope of environmental science?
 2. Name any two air pollutants.
 3. What is Hydro energy?
- (b) Short note: Composition of Atmosphere. (03)
- (c) Short note: Wind energy. (03)
- Q.3. A)** What are natural resources? How minerals and forests play important role in the environment? (08)
- Q.3. B) Answer the following questions (Any two)**
- (a) Sources and effects of Thermal pollution. (04)
- (b) Explain structure of the atmosphere with diagram. (04)
- (c) Effects of radiation pollution. (04)
- Q.4. A) Answer the following questions.**
- (a) How land/soil is getting polluted? Give details of pollutants. (04)
- (b) Short note: Different types of water pollutants. (04)
- Q.4. B) Answer the following questions (Any two)**
- (a) Short note/ Multiple choice questions. (Each of 01 marks) (03)**
1. What is sustainable development?
 2. Name any two sources of Nuclear energy.
 3. Which instruments can work on solar energy?
- (b) Short note: Effects of Noise pollution. (03)
- (c) How natural resources can reduce the amount of any type of pollution? (03)