

PARUL UNIVERSITY
FACULTY OF ARTS
B.A Summer 2017 – 18 Examination

Semester:1**Subject Code: 15193102****Subject Name: Environmental Science and Studies****Date: 06/06/2018****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 Do as directed.**(08)****A. Multiple choice type questions. (Each of 0.5 mark)**

1. Which among the following disciplines deals with every issue that affects a living organism.
a. Ecology b. Anthropology c. Environmental Studies d. Ecology
2. Which among the following is not a component of Environmental Studies.
a. Biology b. Sociology c. Political Science d. Physics
3. Most traditions and societies around the world refer to environment by what name.
a. Dharti Mata b. Mother Nature c. Natural Mother d. Eco-Friendly
4. Emperor Ashoka's edict which proclaimed that all forms of life are important dates back to which period.
a. 4th century b. 5th century c. 1st century d. 6th century
5. Which tool is used in environmental economics to determine the function based values provided by an ecosystem.
a. Questionnaire b. Data Analysis
c. Data Interpretation d. Total Economic Value
6. Which among the following is not a source or a sphere which provides resources.
a. Atmosphere b. Biosphere c. Lithosphere d. Hydrosphere
7. Which is the lowest layer of atmosphere which is warm enough for humans to survive on earth and how thick is it.
a. Mesosphere, 10km b. Troposphere, 12 Km
c. Stratosphere, 10km d. Biosphere, 12km
8. What is the region with a specific and recognizable landscape form known as.
a. Desert b. Wetland c. Grassland d. Ecosystem
9. Which of the following are the components of an ecosystem.
a. Biotic b. abiotic c. Natural d. Both a and b
10. Which of the following is an energy cycle of ecosystem.
a. HCL Cycle b. Ammonia Cycle c. Phosphorus Cycle d. H2SO4 Cycle

a. Population Explosion b. Pollution
c. Deforestation. d. Natural Selection

a. Hydroelectric power b. Ocean Thermal energy
c. Tidal Energy d. Solar Energy

a. Geological Energy b. Geothermal Energy
c. Geosocial Energy d. Geo Energy

A. Social studies

B. Political science

C) Environment studies

D. Social science

A. Renewable resources
B. Non-renewable resources
C. Natural resources
D. Both A&B

- A. Discuss in Brief the idea of sustainable development. (04)
- B. .What is the scope and importance of environmental studies. (04)
- C. Explain in Brief the various spheres of the earth. (04)

A. Write a note on: Women and Child Welfare. (05)

B. Write a note on: Global Warming and Acid Rain. (05)

C. Write a note on Desert Ecosystem. (05)

A. Write a detailed note on the role of an Individual in conservation of natural resources. (06)

B. Explain in detail the aquatic ecosystem. (06)

C. Explain in Detail Water Conservation, Rain Water Harvesting and Watershed Management. (06)

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