Seat No:	Enrollment No:
Deat 110	Em onnent 100

PARUL UNIVERSITY FACULTY OF ARTS

B.A Summer 2017 – 18 Examination

Semester:1 Date: 06/06/2018

Subject Code: 15193102 Time: 10.30 am to 1.00 pm

Subject Name: Environmental Science and Studies 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 in not a source or a sphere which provides resources.
- a. Atmosphere b. Brosphere 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

	11. Which of the following cannot be o	classified as a reason for degradation of ecosystems.	
	a. Population Explosion	b. Pollution	
	c. Deforestation.	d. Natural Selection	
	12. Which of the following is a stage of	f resource utilization.	
	a. Originb. Processingc. Final Productd. All of the Above13. The energy generated by water flowing down a natural gradient to turn turbines is.		
	a. Hydroelectric power	o. Ocean Thermal energy	
	c. Tidal Energy	d. Solar Energy	
	14. The heat energy stored within the ea	arth is known as.	
	a. Geological Energy	b. Geothermal Energy	
	c. Geosocial Energy	d. Geo Energy	
	15 deals with any issu	nes that affect organisms.	
	A. Social studies	B. Political science	
	C) Environment studies	D. Social science	
	16. Such minerals and oil are those whi	ch will be exhausted in the future.	
	A. Renewable resources	B. Non-renewable resources	
	C. Natural resources	D. Both A&B	
B. Q.2	 Answer the following in short.(Each of the Environmental Science) Define Environment. Define Environment. Define population explosion. List the various types of renewable of the full form of HIV and AIDS of the full full form of HIV and AIDS of the full full full full full full full ful	sources.	(07
A.	. Discuss in Brief the idea of sustainable development.		(04
В. С.	.What is the scope and importance of en Explain in Brief the various spheres of the		(04 (04
		OR	•
C. Q.3	Discuss in brief the steps that can be tak Answer the following.	en for sustainable use of resources.	(04
A.	Write a note on: Women and Child Wel		(05
В. С.	Write a note on: Global Warming and A Write a note on Desert Ecosystem.	cid Rain.	(05 (05
•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	OR	(02)
C.	Write a note on Forest Ecosystem.		(05
Q.4 A.	Answer the Following: Write a detailed note on the role of an Ir	adividual in conservation of natural resources.	(06
А. В.	Explain in detail the aquatic ecosystem.	ia ridai in conservation of natural resources.	(06
C.		Rain Water Harvesting and Watershed Management.	(06
C	Evaluin in detail Environment on J. H.	OR	(0.6
C.	Explain in detail Environment and Hum	an neam.	(06)