

PARUL UNIVERSITY
FACULTY OF COMMERCE
B.Com.(Hons)Summer 2018 – 19 Examination

Semester: 5

Date: 27/04/2019

Subject Code: 16100302

Time: 10:30am to 01:00pm

Subject Name: Environmental Studies and Science

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.**A) Multiple choice type questions. (Each of one mark)****(06)**

1. Environmental Science is _____ in nature.

| | |
|--------------|-----------------------|
| a) Singular | b) Multi-Disciplinary |
| c) Political | d) Social |
2. _____ is the fundamental functional unit that interacts directly with the environment and other organisms.

| | |
|--------------|---------------|
| a) Organism | b) Population |
| c) Ecosystem | d) Food |
3. Which of the following is NOT a type of biodiversity?

| | |
|--------------|--------------|
| a) Genetic | b) Ecosystem |
| c) Political | d) Species |
4. Desertification is caused by _____.

| | |
|----------------------|---------------------|
| a) Industrialization | b) Over-grazing |
| c) Wind | d) All of the above |
5. Choose the correct name -

| | |
|------------------------------|----------------------------|
| a) Wildlife Preservation Act | b) Animal Preservation Act |
| c) Wildlife Protection Act | d) Animal Protection Act |
6. _____ are resources which can be reused.

| | |
|----------------------------|--------------------------|
| a) Renewable Resources | b) Recycled Resources |
| c) Non Renewable Resources | d) Exhaustible Resources |

B) Definitions / One-liners / Terms. (Each of one mark)**(06)**

1. Define Ecosystem.
2. What do you understand by the term Deforestation?
3. What is coastal ecosystem?
4. What are the Abiotic Components in the ecosystem?
5. What is a Land Reform?
6. Define endangered species.

Q.2 Numerical / Short Note Questions. (Each of 04 mark)**(12)**

1. India has a huge range of forests. List out the distribution of forests in India.
2. United Nations Environmental Programme (UNEP) has given various measures to control desertification. List out any four measures to control desertification.
3. Which are the major types of forest ecosystem? State the general climate found in all these types of forest ecosystem.

Q.3 Answer the following. (Any Three)**(18)**

1. Define biodiversity. Explain the various threats to biodiversity.
2. Explain in detail the concepts of food chain and energy flow with example.
3. What are Coral Reefs. Discuss in detail the importance of Coral Reefs.
4. Discuss in detail the causes of Air Pollution.

Q.4 Answer the following. (Any two)**(18)**

1. Explain in detail the practices of Water Conservation.
2. What do you understand by Abatement of Pollution? Discuss in detail the principles and guidelines for abatement of pollution.
3. Explain in detail the Grassland Ecosystem – the general climate, its flora and the fauna with examples.