



# Sanjay Ghodawat University, Kolhapur

2017-18

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

FY B.Com

School of Commerce and Management

Semester II

BC108

Environmental Studies

Max Marks: 100

May 2018

End Semester Examination (ESE)

Time: 3 Hrs.

29th May 2018

Instructions for Students:

10:30 AM to 1:30 PM

- 1) All questions are compulsory
- 2) Figures to the right indicate full marks.
- 3) Neat diagrams must be drawn wherever necessary.

Q.1	Objective Questions	Marks (20)	All CO
a)	Select the correct answer		
	Which of the following series is true in energy flow?		108.3
	a. Producers-Decomposers-Consumers		
1.	b. Decomposers- Consumers- Producers	2	
	c. Producers-Consumers-Decomposer		
	d. Consumer-Producer-Decomposer		
	% of Nitrogen in the air		108.4
2.	a. 78% b. 71% c. 21% d. 98%	2	
	Environment includes		108.1
3.	a. Abiotic factors b. Biotic Factors	2	
	c. Water and air d. Abiotic and biotic factors		
	Which of the following disease is spreads through water pollution?		108.4
4.	a. Jaundice b. Viral Fever	2	
	c. Dengue d. Swine Flue		
	Which of the following three 'R' are related with environment?		108.1
5.	a. Random-Reduce- Recall	2	
	b. Read-Register-Recall		

c. Reduce-Reuse-Recycle

d. Rebuilt-Reduce-Restrict

b) **Select odd one from the list**

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|---|---|-------|
| 1. Rabbit – Deer- Tiger- Cow                                | 1 | 108.3 |
| 2. National Park-Cloning-Tissue Culture-Captive Breeding    | 1 | 108.3 |
| 3. Minerals-Trees-Animals-Microorganisms                    | 1 | 108.2 |
| 4. Solar Energy- Wind Energy-Geothermal Energy- Coal Energy | 1 | 108.2 |
| 5. Sleeplessness- Gastro-High BP- Hearing disability        | 1 | 108.4 |

c) **Match the pairs**

A		B	
1	Water Pollution	a	Dolby
2	Air Pollution	b	Hot Water
3	Noise Pollution	c	Hiroshima
4	Thermal Pollution	d	Sewage
5	Radiation Pollution	e	Vehicles

5

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|------------|---|-------------------|-----------|
| <b>Q.2</b> | <b>Answer the following questions (Unit I)</b>  | <b>Marks (20)</b> | <b>CO</b> |
| a)         | Explain multidisciplinary nature of Environmental Studies   | 12                | 108.1     |
| b)         | Role of youth in environment protection   | 8                 | 108.1     |
|            | <b>OR</b>   |                   |           |
| b)         | Define environmental science and importance of healthy environment in human development           | 8                 | 108.1     |
| <b>Q.3</b> | <b>Answer the following questions (Unit II)</b>   | <b>Marks (20)</b> | <b>CO</b> |
| a)         | Write in detail about forest resources with its ecological benefits                               | 12                | 108.2     |
| b)         | Write a note on renewable and non renewable resources   | 8                 | 108.2     |
|            | <b>OR</b>   |                   |           |
| b)         | Explain the importance of natural resource with their management                                  | 8                 | 108.2     |
| <b>Q.4</b> | <b>Answer the following questions (Unit III)</b>  | <b>Marks (20)</b> | <b>CO</b> |
| a)         | Discuss the types, characteristic features, structure and function of pond ecosystem with diagram | 12                | 108.3     |
| b)         | Differentiate between food webs and food chains with examples                                     | 8                 | 108.3     |

**OR**

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|----|--|---|-------|
| b) | Discuss the various methods for the conservation of biodiversity | 8 | 108.3 |
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**Q.5**

**Answer the following questions (Unit IV)**

**Marks (20)**

**CO**

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|----|---|----|-------|
| a) | What is noise pollution? Write its impact and control measure | 12 | 108.4 |
| b) | Explain sustainable development                               | 8  | 108.4 |

**OR**

- |    |   |   |       |
|----|---|---|-------|
| b) | What are the various gaseous pollutants | 8 | 108.4 |
|----|---|---|-------|

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