PAPER ID-411443

Subject Code: BAS204

Roll No: 2 3 0 0 5 4 0 0 0 3 6

BTECH

(SEM II) THEORY EXAMINATION 2023-24

ENVIRONMENT AND ECOLOGY

TIME: 3 HRS **M.MARKS: 70**

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. **2 x 7 = 14**

Q no.	Question	Marks	CO
a.	Write the types of environments.	2	1
b.	Give the examples of natural resources.	2	1
c.	What is sustainable use of water resources?	2	2
d.	What are the Types of the Carbon Cycle?	2	3
e.	Carbon monoxide is more dangerous than carbon dioxide. Why?	2	4
f.	What is the role of a greenhouse in maintaining temperature?	2	4
g.	Why do farmers burn paddy straw?	2	5

SECTION B

2. Attempt any *three* of the following: **7 x 3 = 21**

a.	What is the difference between geographical and man-made environments? Explain.	7	1
b.	Explain the threats that are responsible for the destruction of natural resources.	7	2
c.	How can the use of air conditioners cause air pollution? What are the measures for the of air pollution?	7	3
d.	What is meant by ozone depletion? How CFC and other ozone depleting substances affect ozone shield?	7	4
e.	Discuss population explosion in Indian context. What are the major cause and effect of population explosion?	7	4

SECTION C

3. Attempt any *one* part of the following: **7 x 1 = 7**

a.	What are the segments of environment? discuss in brief about each? Also show in sketch.	7	1
b.	Explain the impact of human activities on the Earth's physical geography.	7	1

4. Attempt any *one* part of the following: **7 x 1 = 7**

a.	How is climate change affecting water resources? Explain.	7	2
b.	With neat sketch explain the major division of global carbon cycle.	7	2

5. Attempt any *one* part of the following: **7 x 1 = 7**

a.	At one time, hand pump water was considered to be pure and used freely for drinking in villages but not now. Why? Comment on this statement.	7	3
b.	How do the three categories of municipal solid waste (compost, recycling and landfill) differ?	7	3

6. Attempt any *one* part of the following: **7 x 1 = 7**

a.	How acid rain is formed? What remedial measures do you suggest?	7	4
b.	What are greenhouse gases? How it is correlated with global warming?	7	4

7. Attempt any *one* part of the following: **7 x 1 = 7**

a.	Discuss the adverse impacts of urbanization and industrialization and suggests suitable remedial measures.	7	5
b.	With the help of a flow chart, explain the Environmental Impact Assessment process.	7	5

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