



PAPER ID-311301

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Subject Code: BBC105

Roll No:

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BCA

www.aktupyq.com(SEM I) THEORY EXAMINATION 2025-26
ENVIRONMENT AND ECOLOGY

TIME: 3 HRS

M.MARKS: 70

Note: Attempt all Sections. In case of any missing data; choose suitably.

SECTION A

1. Attempt all questions in brief.

2 x 07 = 14

Q no.	Question	CO
a.	Mention any two importance of environment.	1
b.	What are non-renewable resources?	2
c.	Mention two sources of water pollution.	3
d.	Define acid rain.	4
e.	Name two pollutants emitted by automobiles.	4
f.	Mention any two objectives of Environmental Protection Act, 1986	5
g.	How does women education affect population growth?	5

SECTION B

2. Attempt any three of the following:

7 x 3 = 21

a.	Discuss the impact of food and shelter needs on environment.	1
b.	Explain the arsenic problem in drinking water and its health impacts.	2
c.	Discuss the impact of soil pollution on agriculture and health.	3
d.	Explain the role of CFCs in ozone depletion.	4
e.	Discuss the impact of population growth on natural resources and environment.	5

SECTION C

3. Attempt any one part of the following:

07 x 1 = 07

a.	Discuss the environmental effects of mining activities.	1
b.	Explain the principles and goals of sustainable development.	1

4. Attempt any one part of the following:

07 x 1 = 07

a.	Explain the sulphur cycle and its environmental importance.	2
b.	Discuss the effects of forest depletion on society and economy.	2

5. Attempt any one part of the following:

07 x 1 = 07

a.	Discuss the effects of noise pollution on human health.	3
b.	Discuss the public health problems due to improper solid waste management.	3

6. Attempt any one part of the following:

07 x 1 = 07

a.	Explain the relationship between global warming and climate change.	4
b.	Explain the role of public awareness in controlling environmental issues.	4

7. Attempt any one part of the following:

07 x 1 = 07

a.	Discuss the objectives and principles of environmental education.	5
b.	Discuss the salient features of Environmental Protection Act, 1986.	5