

KADI SARVA VISHWAVIDYALAYA

B.E. SEMESTER-I (NEW: CBCS COURSE) EXAMINATION FEBRUARY-2022

Subject Code : UE-101

Subject Name: Environmental Science

Date : 12/02/2022

TIME : 12:30PM To 3:30PM

Total marks: 70

Instruction:

1. Answer each section in separate Answer Sheet.
2. Use of scientific calculator is permitted.
3. All questions are compulsory.
4. Indicate clearly the options you attempted along with its respective question number
5. Use the last page of supplementary for rough work.

SECTION - I

- Q-1 [A] Write short note on environmental degradation. [5]
[B] Explain components of ecosystem. [5]
[C] Write short note on control of population growth. [5]

OR

- [C] Write a short note on Symbiosis Relationship. [5]
Q-2 [A] Write short note on Land pollution. [5]
[B] Write short note on Air pollution. [5]

OR

- Q-2 [A] Explain uses of water. [5]
[B] Explain impact of wastage of water. [5]
Q-3 [A] Draw water cycle. [5]
[B] Draw nitrogen cycle. [5]

OR

- Q-3 [A] Write short note on Green House effect in detail. [5]
[B] Write short note on Ozone layer depletion. [5]

SECTION - II

- Q-4 [A] Write short note on impact of man on environment. [5]
[B] Explain Food Chain and Food Web in detail. [5]
[C] Write short note on Overpopulation. [5]

OR

- [C] Explain destruction vs. conservation in details. [5]
Q-5 [A] What is acid rain? What are the impacts of acid rain on environment? [5]
[B] Explain effects of Global Warming in India. [5]

OR

- Q-5 [A] What is ecosystem? Why is it important to maintain the ecosystem? [5]
[B] Write short note on Pond ecosystem. [5]
Q-6 [A] What are the environmental and social problems due to urbanization? [5]
[B] Explain importance of forests. [5]

OR

- Q-6 [A] Write short note on afforestation. [5]
[B] Write short note on deforestation. [5]

[Enrol. No. / ID | | | | | | | | | | | |]

KADI SARVA VISHWAVIDYALAYA
LDRP INSTITUTE OF TECHNOLOGY & RESEARCH, GANDHINAGAR

B.E. MID-SEMESTER EXAMINATION - OCTOBER 2015

: 29/10/2015

Set Name & Code: ENVIRONMENTAL STUDIES(CC-105)

: 2:00PM to 3:30PM

Branch : C/P/D/A/E

Semester : I

Max. Marks : 30

- Instructions:**
- 1) All questions are compulsory.
 - 2) Figures to the right indicate full marks.
 - 3) Use of scientific calculator is permitted.
 - 4) Indicate clearly, the options you attempt along with its respective question number.
 - 5) Use the last page of main supplementary for rough work.
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- | | Marks |
|---|--------------|
| (A) Define following terms:
(1) Environment (2) Ecology (3) Biosphere (4) Environmental engineering (5) Population | [5] |
| (B) Define and explain human environment. | [5] |
| (A) Explain food chain and food web in detail. | [5] |
| (B) Explain the concept of energy flow and chemical cycling with neat sketch. | [5] |
| OR | |
| (A) Explain Nitrogen cycle. | [5] |
| (B) Explain reasons of over population. | [5] |
| (A) Explain the various uses of forest resources. | [5] |
| (B) Explain the causes of deforestation. | [5] |
| OR | |
| (A) Describe in detail the different types of forest resources. | [5] |
| (B) Explain development of habitation patterns and environmental factors governing Human settlement. | [5] |

KADI SARVA VISHWAVIDYALAYA
LDRP INSTITUTE OF TECHNOLOGY & RESEARCH, GANDHINAGAR
B.E. MID-SEMESTER EXAMINATION (OLD/NEW COURSE) - OCTOBER 2017

Date : 30/10/2017
 Subject Name & Code: ENVIRONMENTAL SCIENCE/STUDIES
 Time : 10:30AM to 12:00PM

Branch : ALL
 Semester : I
 Max. Marks : 30

- Instructions:** 1) All questions are compulsory.
 2) Figures to the right indicate full marks.
 3) Use of scientific calculator is permitted.
 4) Indicate clearly, the options you attempt along with its respective question number.
 5) Use the last page of main supplementary for rough work.

- | | Marks |
|---|-------|
| Q.1 (A) Define following terms:
(1) Environment (2) Ecology (3) Biosphere (4) Environmental Science (5) Population | [5] |
| (B) Explain about the environmental education. | [5] |
| Q.2 (A) Explain in Detail Concept of energy flow. | [5] |
| (B) Explain development of habitation patterns and environmental factors governing human settlement. | [5] |
| OR | |
| Q.2 (A) Explain effects of population explosion in detail. | [5] |
| (B) Explain classification of ecology. | [5] |
| Q.3 (A) Explain reasons for overpopulation. | [5] |
| (B) Explain impact of technology on environment. | [5] |
| OR | |
| Q.3 (A) Explain Environmental degradation in detail. | [5] |
| (B) Explain components of environment. | [5] |

KADI SARVA VISHWAVIDYALAYA
B.E. SEMESTER-I/II (NEW: CBCS COURSE) EXAMINATION JANUARY-2024

Subject Code: UE-101

Subject Name: Environmental Science

Date: 02/01/2024

TIME: 12:00pm To 3:00pm

Total marks: 70

Instruction:

1. Answer each section in separate Answer Sheet.
2. Use of scientific calculator is permitted.
3. All questions are compulsory.
4. Indicate **clearly** the options you attempted along with its respective question number
5. Use the last page of supplementary for rough work.

SECTION - I

Q-1 [A] Define Environment and explain various components of environment. [5]

[B] Explain Green House Effect. [5]

[C] Explain Control of Population Growth. [5]

OR

[C] Write short note on Environmental Education. [5]

Q-2 [A] Explain Ozone Layer Depletion. [5]

[B] Explain Sources and effects on human health of air pollution. [5]

OR

Q-2 [A] Explain Acid Rain. [5]

[B] Write short note on Role of Environmental Engineer. [5]

Q-3 [A] Explain Hydrological Cycle in detail. [5]

[B] Explain Reasons for Overpopulation. [5]

OR

Q-3 [A] Explain Uses of Forest Products. [5]

[B] Explain Sources and Effects on human health of land pollution.

SECTION - II

Q-4 [A] Explain Global Warming.

[B] Write short note on Impact of Man on Environment.

[C] Explain Food chain and Food Web in detail.

OR

[C] Explain Effects of Population Explosion.

Q-5 [A] Explain Destruction V/s Conservation in detail.

[B] Explain Sources and Effects on human health of noise pollution.

OR

Q-5 [A] Explain Grass land Ecosystem in detail.

[B] Write short note on Environmental Degradation.

Q-6 [A] Explain Sources and Effects on human health of Water pollution.

[B] Explain Causes of Deforestation.

Q-6 [A] Give Classification of Ecology.

[B] Explain Sources of Water.

END

KADI SARVA VISHWAVIDYALAYA

B.E. Semester-I JUNE- 2023

Subject: Environmental Science

Date: 21/06/2023

Subject Code: UE101

Time: 10:00 am to 1:00 pm

Total Marks: 70

Instructions:

1. Answer each section in separate Answer sheet.
2. Use of Scientific calculator is permitted.
3. All questions are **Compulsory**.
4. Indicate clearly, the options you attempt along with its respective question number.
5. Use the last page of main supplementary of rough work.

SECTION-I

- Que:1 (A) Define Environment and explain various components of environment. [5]
(B) Explain the importance of man environment relationship. [5]
(C) Write short note on environmental Degradation. [5]

OR

- (C) Write short note on Hydrological cycle. [5]
Que:2 (A) Explain importance of Environmental study. [5]
(B) Define Ecology. Describe the different types of Ecology. [5]

OR

- (A) Write short note on role of environmental engineer. [5]
(B) What do you mean by Food chain? Enlist the types of food chain and explain in details. [5]
Que:3 (A) Explain in details Renewable and Non Renewable resources. [5]
(B) Explain the various reasons for over population. [5]

OR

- (A) What do you mean by natural resources? Give the classification of natural resources. [5]
(B) Explain the relation between population and pollution. [5]

SECTION II

- Que:4 (A) Write short note on Carbon cycle. [5]
(B) Write short note on Sulphur cycle. [5]
(C) Explain the use of solar energy for the purpose of (a) Solar cooking (b) Solar cells. [5]
OR
(C) Write short note on wind energy and Bio energy. [5]

Que:5 (A) Write short note on Geothermal energy and Hydro energy.

(B) Explain classification of water pollutants.

OR

(A) What are the major implications of global warming?

(B) Write short note on Ozone depletion.

Que:6 (A) Briefly describe of Land pollution.

(B) Write short note on Greenhouse effects.

OR

(A) What are the environmental impacts of ground water usage?

(B) Define : Pollutants, Pollution, Environment.