

QP CODE: 24900207



Reg No:.....

Name:.....

MAHATMA GANDHI UNIVERSITY, KOTTAYAM
FIRST SEMESTER MGU-UGP (HONOURS) REGULAR
EXAMINATION NOVEMBER 2024

First Semester

Multi-Disciplinary Course - MG1MDCPOL101 - ECOLOGICAL GOVERNANCE

(2024 ADMISSION ONWARDS)

Duration: 1.5 Hours

Maximum Marks: 50

**Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Interest (I),
Appreciation (Ap), and Skill (S)**

*Students should attempt atleast one question from each course outcome to enhance their overall
outcome attainability.*

[Learning Domain][CO No(s)]

Part A

Multiple Choice Questions

Answer all questions.

Each question carries 1 mark

- 1 The principle of "common but differentiated responsibilities" is included in [U] [2]
a) The Rio Declaration b) The Paris Summit
c) The Stockholm Declaration d) Kyoto Protocol
- 2 Which island nation in Asia faces the threat of rising sea-level unprecedented [An] [1]
way
a) Sri Lanka b) Japan
c) Vietnam d) Maldives
- 3 Which is the indicator of environmental health? [An] [2]
a) Invasive species b) Top level predators
c) Keystone species d) Endemic species

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|----|--|-----|-----|
| 4 | "Great Pacific Garbage Patch" is an example for; | [K] | [3] |
| | <div>a) Soil pollution</div> <div>b) Air pollution</div> <div>c) Water pollution</div> <div>d) Noise Pollution</div> | | |
| 5 | Absorption of excess carbon dioxide by Ocean results in | [A] | [2] |
| | <div>a) Ocean acidification</div> <div>b) Carbon sink</div> <div>c) Water pollution</div> <div>d) Coral reef bleaching</div> | | |
| 6 | The book Silent Spring is written by; | [K] | [1] |
| | <div>a) John Muir</div> <div>b) Arne Naess</div> <div>c) Rachel Carson</div> <div>d) Aldo Leopold</div> | | |
| 7 | Which of the following is the parent treaty of the CoP meetings? | [E] | [3] |
| | <div>a) Kyoto Protocol</div> <div>b) Montreal Protocol</div> <div>c) United Nations Framework Convention on Climate Change (UNFCCC)</div> <div>d) Paris Agreement</div> | | |
| 8 | Which of the following is a primary focus of CoP meetings? | [A] | [3] |
| | <div>a) Establishing global trade policies</div> <div>b) Setting international labour laws</div> <div>c) Addressing climate change mitigation and adaptation</div> <div>d) Discussing international space exploration</div> | | |
| 9 | What is the primary goal of Low Emission Development Strategies (LEDS)? | [U] | [2] |
| | <div>a) To promote fossil fuel consumption</div> <div>b) To reduce greenhouse gas emissions while promoting sustainable development</div> <div>c) To eliminate all forms of energy production</div> <div>d) To increase industrial output</div> | | |
| 10 | How does the Kunming-Montreal framework address pollution issues? | [E] | [2] |
| | <div>a) It mandates a total ban on all forms of pollution</div> <div>b) It aims to reduce pollution to levels that do not harm biodiversity and ecosystem functions</div> <div>c) It does not include any targets related to pollution</div> <div>d) It focuses solely on marine pollution</div> | | |

(10 × 1 = 10)

Part B

Short Answer Type Questions (150 Words)

Answer any 4 questions.

Each question carries 5 marks

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|----|--|------|-----|
| 11 | What is the main purpose of the Conference of Parties (CoP) in the context of climate change? | [An] | [4] |
| 12 | What are Low Emission Development Strategies (LEDS)? | [An] | [3] |
| 13 | Discuss how climate change-induced habitat loss threatens biodiversity | [E] | [3] |
| 14 | Why is the Western Ghats considered a biodiversity hotspot, and what are some of the key conservation challenges it faces? | [U] | [3] |
| 15 | What are the main goals of the Global Climate Action Summit? | [U] | [4] |
| 16 | What factors contribute to the rise of climate refugees? | [U] | [2] |
| 17 | What are the main causes of biodiversity loss? | [An] | [3] |
| 18 | What are the main causes of deforestation? | [U] | [3] |

(4 × 5 = 20)

Part C

Essay Type Questions (300 Words)

Answer any 2 questions.

Each question carries 10 marks

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|----|--|------|-----|
| 19 | Analyze various international adaptation initiatives and programs aimed at helping vulnerable nations combat climate change. | [An] | [1] |
| 20 | How has India's National Biodiversity Action Plan (NBAP) contributed to biodiversity conservation, and what challenges does it face? | [E] | [2] |
| 21 | What is environmental equity, and why is it important in promoting social justice? | [U] | [3] |
| 22 | What are the main human activities contributing to global warming, and what impact do they have on the environment? | [An] | [2] |

(2 × 10 = 20)

END OF THE QUESTION PAPER
