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PRESIDENCY UNIVERSITY BENGALURU

SCHOOL OF ENGINEERING

SUMMER TERM END TERM EXAMINATION - AUGUST 2024

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| **Semester : Summer term** | **Date : 09/08/2024** |
| **Course Code : CHE1018** | **Time : 9:30 am – 12:30 pm** |
| **Course Name : Environmental Science** | **Max Marks : 100** |
| **Program : BTech** | **Weightage : 50%** |

**Instructions:**

1. *Read all questions carefully and answer accordingly.*
2. *Question paper consists of 3 parts.*
3. *Scientific and non-programmable calculator are permitted.*
4. *Do not write any information on the question paper other than Roll Number.*

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| **PART A** | | | |
| **ANSWER ANY 10 QUESTIONS (10QX2M=20M)** | | | |
| 1. | Write any two man-made activities on environment. | (CO 1) | [Knowledge] |
|  | | | |
| 2. | Write any two examples for biotic resources. | (CO 1) | [Knowledge] |
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| 3. | Write any two pollutants causing photochemical smog | (CO 1) | [Knowledge] |
|  | | | |
| 4. | Classify the following into type of species: 1. Bengal tiger 2. Dinosaurs. | (CO 1) | [Knowledge] |
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| 5. | Write any two pollutants causing global warming. | (CO 1) | [Knowledge] |
|  | | | |
| 6. | Write any four types of pollution | (CO 1) | [Knowledge] |
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| 7. | Mention two objectives of environmental protection act 1986 | (CO 1) | [Knowledge] |
| 8. | Write any two major causes of climate change. | (CO 1) | [Knowledge] |
| 9. | Write any two types of renewable resources. | (CO 1) | [Knowledge] |
| 10. | Define predation with suitable example. | (CO 1) | [Knowledge] |
| 11. | Mention the two uses of water. | (CO 1) | [Knowledge] |
| 12. | Write two examples of early river valley civilization. | (CO 1) | [Knowledge] |

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| **PART B** | | | |
| **ANSWER ANY 8 QUESTIONS (8QX5M=40M)** | | | |
| 13. | Write a short note on modification of environment with suitable example. | (CO 3) | [Comprehension] |
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| 14. | Discuss the consequences of over exploitation of water. | (CO 2) | [Comprehension] |
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| 15. | List out the ill effects of deforestation. | (CO 3) | [Comprehension] |
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| 16. | Describe the threats to biodiversity. | (CO 3) | [Comprehension] |
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| 17. | Write a short note on the health effects of noise pollution? | (CO 2) | [Comprehension] |
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| 18. | What harmful effects of solid waste. | (CO 2) | [Comprehension] |
| 19. | Explain the classification of resources. | (CO 3) | [Comprehension] |
| 20. | Describe the term (a) reuse and (b) recycle. | (CO 3) | [Comprehension] |
| 21. | What is the impacts of water pollution on human health | (CO 2) | [Comprehension] |
| 22. | What are the disadvantages of non-renewable source of energy? | (CO 2) | [Comprehension] |
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| **PART C** | | | |
| **ANSWER ANY 4 QUESTIONS (4QX10M=40M)** | | | |
| 23. | Write the advantages and disadvantages of non-renewable and renewable energy resources. | (CO 2) | [Comprehension] |
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| 24. | Describe the causes, effects and solutions for deforestation. | (CO 3) | [Comprehension] |
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| 25. | Describe (a) predation (b) competition (c) parasitism (d) mutualism (e) commensalism with suitable example. | (CO 2) | [Comprehension] |
| 26. | Describe the causes, effects and solutions of global warming. | (CO 3) | [Comprehension] |
| 27. | Describe the causes, ill effects and methods of control of air pollution. | (CO 2) | [Comprehension] |
| 28. | Describe the methods that can be adopted to create awareness on environmental protection. | (CO 2) | [Comprehension] |
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