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| **University of Kerala** | | |
| Discipline: BUSINESS MANAGEMENT |  | Time: 1 Hour 30 Minutes (90 Mins.) |
| Course Code: UK1DSCMGT102 |  | Total Marks: 42 |
| Course Title: ENVIRONMENTAL MANAGEMENT |  |  |
| Type of Course: DSC |  |  |
| Semester: 1 |  |  |
| Academic Level: 100-199 |  |  |
| Total Credit: 3, Theory: 3 Credit  (Applicable for 4 Credit Course with 1 Credit Practical Also) |  |  |

Part A. 6 Marks. Time: 6 Minutes

Objective Type. 1 Mark Each. Answer All Questions (Cognitive Level: Remember/Understand)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course Outcome** |
| 1 | Recall the area at the mouth of the river where the river joins the sea or ocean…. | Remember | CO-2 |
| 2. | Identify one cause of soil pollution   1. emission of nuclear energy B) Dry docking C) Dust storms D) All are false | Remember | CO-2 |
| 3. | Poaching is one of the threat to biodiversity. Infer whether the statement is true or false. | Understand | CO-2 |
| 4. | Interpret a special kind of indication to identify the marked good as eco-friendly   1. Ecomark B)Environment mark C) Ecologo D) Eco-labelling | Understand | CO-4 |
| 5. | Discuss any one utility of energy resources | Understand |  |
| 6. | Name the document established by IUCN for documenting the rare and endangered species | Understand | CO-4 |

Part B. 8 Marks. Time: 24 Minutes

Short Answer. 2 Marks Each. Answer All Questions (Cognitive Level: Understand/Apply)

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| **Qn.**  **No.** | **Question** | **Cognitive Level** | **Course Outcome (CO)** |
| 7. | Explain the relation between the environment and human health. | Understand | CO-4 |
| 8. | Summarize desert ecosystem. | Understand | CO-2 |
| 9. | Demonstrate the importance of recycling in solid waste management. | Apply | CO-3 |
| 10. | Name the term for development which ensures availability of resources for the development in the future also. | Apply | CO-1 |

Part C. 28 Marks. Time: 60 Minutes

Long Answer. 7 marks each. Answer all 4 Questions, choosing among options within each question.

(Cognitive Level: Apply/Analyse/Evaluate/Create)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course Outcome (CO)** |
| 11 | A. Exhibit the efficiency of different renewable energy resources. | Apply | .CO-1 |
|  | B. Demonstrate the role of technology in environmental impact assessments and enhance or hinder the assessment process | Apply | .CO-1 |
| 12. | A. Analyze the impact of a decrease in a primary producer population on the entire ecological pyramid of a specific ecosystem. | Analyse | CO-2 |
|  | B. Analyse an educational program that teaches students about the ecological pyramid and its importance in ecosystem management. | Analyse | CO-2 |
| 13. | A. Assess the advantages and limitations of using remote sensing technologies in environmental monitoring | Evaluate | CO-4 |
|  | B. Decide an innovative solution for an existing environmental issue in your community and the steps necessary for implementation. | Evaluate | CO-4 |
| 14. | A**. Evaluate** the implications of human-wildlife conflict and **assess** potential solutions to mitigate its effects. | Evaluate | CO-5 |
|  | B **Assess** the environmental impacts of human population growth, and **evaluate** the long-term consequences of this trend. | Evaluate | CO-5 |

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| **Cognitive Level** | **Marks** | **Percentage** |
| Remember | 2 | 4.8 |
| Understand | 8 | 19.0 |
| Apply | 11 | 26.2 |
| Analyse | 7 | 16.7 |
| Evaluate | 14 | 33.3 |
| Create | 0 | 0 |
| **TOTAL** | **42** | **100** |