

Reg. No

Name

22P343

M. Sc. DEGREE END SEMESTER EXAMINATION : OCTOBER 2022

SEMESTER 3 : ENVIRONMENTAL SCIENCE

COURSE : 21P3EVST10 : ENVIRONMENTAL MONITORING AND MANAGEMENT

(For Regular - 2021 Admission)

Duration : Three Hours

Max. Weights: 30

PART A

Answer any 8 questions

Weight: 1

1. Write a note on Green Revolution in India. (U, CO 3)
 2. Write any four implications of Common Property Resource Management. (U, CO 3, CO 4)
 3. What is the need of education for sustainable development? (U, CO 2)
 4. What are the objectives of Eco-labelling (U, CO 2, CO 5)
 5. How is 'Rehandling from a rehandling pill' method done in land reclamation? (An, CO 3, CO 4)
 6. Comment on Sustainable Lifestyle. (U, CO 2)
 7. How does the Earth Summit affect us? (U, CO 2)
 8. What is eco remediation? (U, CO 3, CO 4)
 9. What are the advantages of LCA? (U, CO 2, CO 5)
 10. What is Environmental Auditing? (U, CO 2, CO 5)
- (1 x 8 = 8)**

PART B

Answer any 6 questions

Weights: 2

11. What are the consequences of dominance of man on Earth? (E, CO 3)
 12. What is Corporate Environmental Responsibility (E, CO 2, CO 5)
 13. Write a note on the Environmental Conflict Management (E, CO 2, CO 5)
 14. What is sustainability and how does it relate to Ecological Economics? (R, CO 1)
 15. Explain Hydraulic filling method and sand spreading method of land reclamation. (A, CO 3, CO 4)
 16. Write a note on Earth Summit. (U, CO 2)
 17. Explain Corporate Social Responsibility. (U, CO 2, CO 5)
 18. Comment on Ecological footprint. (U, CO 2)
- (2 x 6 = 12)**

PART C
Answer any 2 questions

Weights: 5

19. Write an essay on 'Tragedy of Common'. (E, CO 3)
20. What do you mean by Sustainable Development? How can the Sustainable Development Goals (SDGs) achieved? (An, CO 3)
21. Write an essay on wetlands, its importance, and international initiatives for wetland conservation. (An, CO 3, CO 6)
22. Write the effectiveness and implications of Common Property Resource Management. (An, CO 3, CO 4)
- (5 x 2 = 10)**

OBE: Questions to Course Outcome Mapping

CO	Course Outcome Description	CL	Questions	Total Wt.
CO 1	Find professional level employment and pursue research for contributing to the betterment of humanity and in shaping a sustainable society	R	14	2
CO 2	Explain the environmental, social and economic framework in which environmental management decisions are made.	U	3, 4, 6, 7, 9, 10, 12, 13, 16, 17, 18	16
CO 3	Develop environmental strategies, policies, programmes and systems that promote sustainable development.	Cr	1, 2, 5, 8, 11, 15, 19, 20, 21, 22	28
CO 4	Analyze environment management systems and formulate solutions that are technically sound, economically feasible, and socially acceptable.	A	2, 5, 8, 15, 22	10
CO 5	Decide measures for resource conservation.	E	4, 9, 10, 12, 13, 17	9
CO 6	Formulate environmental monitoring and assessment reports and monitor progress of environmental improvement programs.	Cr	21	5

Cognitive Level (CL): Cr - CREATE; E - EVALUATE; An - ANALYZE; A - APPLY; U - UNDERSTAND; R - REMEMBER;