

SEMESTER EXAMINATION-2021
CLASS – MSC SEMESTER 1
SUBJECT ENVIRONMENTAL SCIENCES
PAPER CODE: MEN-C102

PAPER TITLE: NATURAL RESOURCE CONSERVATION AND MANAGEMENT

Time: 3 hour

Max. Marks: 70

Min. Pass: 40%

Note: Question Paper is divided into two sections: **A and B**. Attempt both the sections as per given instructions.

SECTION-A (SHORT ANSWER TYPE QUESTIONS)

Instructions: Answer any five questions in about 150 words (5 X 6 = 30 Marks) each. Each question carries six marks.

Question-1: Briefly explain the concept of conservation.

Question-2: Write a short note on land use pattern and planning.

Question-3: Explain the role of forestry in eco-development of rural areas.

Question-4: Discuss in brief types of forest in India.

Question-5: Write a short note on Reasons for depletion of Biodiversity.

Question-6: Comment upon the keystone species.

Question-7: Briefly discuss the concept of sun as a source of energy.

Question-8: Write a short note on Geothermal energy.

Question-9: Write a brief note on Global water balance.

Question-10: Comment upon the Water foot prints.

SECTION-B (LONG ANSWER TYPE QUESTIONS)

Instructions: Answer any FOUR questions in detail. Each (4 X 10 = 40 Marks) question carries 10 marks.

Question-11: Discuss the reason for Soil degradation and its mitigation measures.

Question-12: Explain the forest conservation measures through Socio-forestry.

Question-13: Discuss in brief the categories of IUCN.

Question-14: Write a short note on Biodiversity Conservation plans in India

Question-15: Explain the impact of exploiting, processing and smelting of minerals on environment

Question-16: Write a short note on Rain water harvesting.

Question-17: Differentiate between Solar energy and Geothermal energy

Question-18: Explain the need and strategies for conservation of aquatic life.

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