



मैट्स विश्वविद्यालय मुक्त एवं दूरवर्ती शिक्षा कार्यक्रम आरंग, रायपुर (छ0ग0)

MATS UNIVERSITY OPEN & DISTANCE LEARNING CENTRE ARANG, RAIPUR (C.G.)

सत्रीय कार्य / Assignment Work – 2013-14

M.Sc. Environment Science (Prev.)

Max Marks – 30

Min Marks-12

निर्देश : सत्रीय कार्य के प्रत्येक विषय में कुल 30 अंक हैं। सभी प्रश्नों के अंक समान होंगे। सभी प्रश्न हल कीजिए। (Assignment Work of each paper carries 30 Marks. All questions carry equal marks. Attempt all questions.)

Multidisciplinary nature of Environmental study

1. Short note on.
 - (i) Physico-chemical factors in the environment.
 - (ii) What is Biological function and their effect on environment.
2. What is lithosphere & write the composition of soil.
3. Write short note:
 - (i) First law of thermodynamic.
 - (ii) Meteorological parameter.

Fundamental of Environment Chemistry, & Environment

1. What is water pollution & its effect on their environment.
2. Explain the effect of Toxic chemical in the environment air & water.
3. Write short note (any two)
 - (i) Gas chromatography
 - (ii) Automatic Absorption spectrometry (AAS)
 - (iii) X-Ray Fluorescence

Introduction to Ecology Environment

1. What is ecosystem? Explain with the help of pyramids the relationship between number, biomass, and energy content of an ecosystem?
2. Write short notes
 - (i) Population growth.
 - (ii) Community Ecology
3. What is air pollution? Explain Air sampling technology?

Environment Geosciences

1. Write a note on various conventions Related on demote change.
2. Write the type of water & Explain the water pollution and their effect on environment.
3. Explain the mass & Energy transfer across the various interface & material balance.
