

University of Kota, Kota

ENVIRONMENT STUDIES-Exam.-2013

Scheme of Examination;

Time 3 Hrs.

Max. Marks 100

Min Pass Marks 36

In pursuance of the directions of the Hon'ble Supreme Court of India and the University Grants Commission, New Delhi, the University of Kota has declared to introduce compulsory paper of "Environmental Studies" in Part- I of all streams (B.A./B.Sc./B.com.) etc. w.e.f. the session 2005-2006 and onwards. The marks secured in this paper will not be counted for working out the division. The candidate can clear this paper in three chances. Therefore all the candidates regular/Ex/Non-Collegiate appearing in Part-I of B.A./B.Sc and B.Com etc. examination of 2006 are required to appear and clear this paper and they must enter this paper in their examination forms. The code number of this paper is 5106.

The syllabus and scheme of examination is as under:

The question paper shall contain 100 objective type questions with multiple choice (four) answers. The student will be required to blacken the circle of correct choice of answer on the computer scan able OMR sheet with the help of H.B. pencil. Evaluation of the answer sheets be made with the help of computer. Four different types of question papers (A,B,C, and D) each containing 100 questions shall be printed. The student will be required to mark/write the type of question paper he is answering on the answer sheet, so that answers marked by him/her may be correctly assessed with the help of relevant key of answers, by the computer.

Each question shall carry one mark, with no negative marking. As such, one mark shall be awarded for the correct answer in each question.

Note:

1. The marks secured in this paper shall not be counted in awarding the division to a candidate.
2. The candidate has to clear compulsory paper in three chances.
3. Non appearing or absent in the examination of compulsory paper will be counted a chance.

Model syllabus for compulsory paper of "Environmental studies"

in the first year of B.A./B.Sc./B.Com. Courses

Core Unit 1. Introduction: the multidisciplinary nature of environmental studies: Definition, scope and important need for public awareness

(5 Questions)

Core Unit 2; Natural Resources: Renewable and non-renewable resources, natural resources and associated problems.

(20 questions)

- Solid Waste Management: causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution
- Pollution case studies.
- Disaster management: floods, earthquake, cyclone and landslides.

Unit 6: Social Issues and the Environment

15 Questions)

- From Unsustainable to sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns, case studies.
- Environmental ethics: issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies
- Wasteland reclamation.
- Consumerism and waste products.
- Environmental protection Act.
- Air (Prevention and Control of Pollution) Act.
- Water (Prevention and Control of Pollution) Act.
- Wild life protection Act.
- Forest conservation Act.
- Issues involved in enforcement of environmental legislation.
- Public awareness.

Unit 7: Human Population and the Environment

(15 Questions)

- Population growth, variation among nations.
- Population explosion- family welfare programme.
- Environment and human health
- Human rights
- Value education.
- HIV/AIDS.
- Women and child welfare.
- Role of information technology in environment and human health
- Case studies