

University Institute of Engineering & Technology

(Recognised Under Section 2(f) and 12B of UGC)

Kurukshetra University, Kurukshetra

THEORY EXAMINATION – JULY 2021	
B.TECH – CSE(A&B)	SEMESTER – IV
Biotech	

TIME – 4 Hrs.

M.M. - 75

PAPER - MC-901

SUBJECT- Environmental Sciences

INSTRUCTIONS TO BE FOLLOWED

- The candidates will be required to attempt FIVE questions in all, with Q.1 as compulsory question.
- Allotted time for examination is 4 hours that includes time for downloading the question paper, writing answers, scanning of answer sheets and uploading the sheets on the Attendance Sheet Cum Answer Sheet Uploading google form.
- For all CSE Reappear students, they should join the Google Meet Link and WhatsApp Link for Section-B Students for appearing in the exam and should upload their sheets in the Attendance Sheet Cum Answer Sheet Uploading Google Form meant for CSE-B regular students.
- M.Tech Applied Geology Students should join the Google Meet and WhatsApp Link meant for Biotechnology students.
- The PDF files should be saved as Roll No. and Subject Code.
- Maximum Page Limit should be 36 (Thirty Six) for attempting the question paper on A4 sheets which could be downloaded and printed from the sample sheets given in the UIET Website.
- Over-attemptation should be avoided.
- Handwriting should be neat and clean and diagrams should be clear and contrasted.
- The candidate should not write their Mobile No. otherwise Unfair Means Case will be made.
- While attempting the paper, the candidate will use blue/black pen only.
- Before attempting the paper, the candidate will ensure that he/she has downloaded the correct question paper. No complaint for attempting wrong question paper by the candidate will be entertained.
- Candidate must ensure that he/she has put his/her signature on each page of the answer sheet used by him/her. Answer sheet without the signature of the candidate will not be evaluated.

PART-A (Compulsory Question)

Q.1. Write short note on the following:

- a) Environmental studies
- b) Mining
- c) Food web
- d) Landslides
- e) Overgrazing
- f) Hot spots
- g) Drug de-addiction
- h) Wasteland
- i) Population explosion
- j) Primary production

2.5*10=25

PART-B

Q.2. Explain the scope, importance and multidisciplinary nature of environmental studies. 12.5

Q.3. Write short note on the following:

- a) Effects of modern agriculture. 6.5
- b) Overutilization of surface and ground water. 6

Q.4. What is ecosystem? Explain the structure and function of forest ecosystem. 12.5

Q.5. Define biodiversity and explain different conservation methods of biodiversity. 12.5

Q.6. Describe the causes, effects and control measures of air pollution. 12.5

Q.7. Explain the following:

- a) Sustainable development. 6.5
- b) Rainwater harvesting. 6

Q.8. Write short note on the following:

- a) Stimulant and depressant drugs. 6.5
- b) Population growth. 6

Q.9. Briefly explain the following:

- a) Solid waste management. 6.5
- b) Marine pollution 6