

THEORY EXAMINATION – FEB 2021	
B.TECH – ECE(A&B)	SEMESTER – III
ME	

PAPER - MC-901

SUBJECT- ENVIRONMENTAL SCIENCES

INSTRUCTIONS TO BE FOLLOWED

- Allotted time for examination is 3 hours 15 minutes that includes time for downloading the question paper, writing answers, scanning of answer sheets and E-mailing the PDF files to the designated Email ID.
- For all B Tech. ECE-A Regular Students, the Email ID is:- btech3rdecea@kuk.ac.in
- For all B.Tech. ECE-B Regular and Reappear Students, the Email ID is- btech3rdeceb@kuk.ac.in
- For all B. Tech. Mechanical Engg. Students, the Email ID is- btechmechuiet@kuk.ac.in
- The candidates will be required to attempt 75% of the question paper (maximum) by choosing to their any best questions accumulating 56 marks.
- The PDF files should be saved as Roll No. and Subject Code. Proper attention should be given while sending the email and in the subject line, the Roll Number and Subject Code should be mentioned.
- Maximum Page Limit should be 20 (Twenty) for attempting the question paper on A4 sheets which could be downloaded and printed from the sample sheets given in the Kurukshetra University Examination guidelines.
- 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

Q.1. Write short note on the following:

- a) Desertification
- b) Environment
- c) Drugs
- d) Overgrazing
- e) Biodiversity
- f) Aquifer
- g) Thermal pollution
- h) Drought
- i) Water logging
- j) Eutrophication

2.5*10=25

PART-B

Q.2. What is the scope and importance of environmental studies and why is it necessary to create environmental awareness.

12.5

Q.3. Explain the following:

- a) Causes and consequences of deforestation.
- b) Environmental impacts of mineral extraction.

6.5

6

Q.4. What are the biotic and abiotic components of an ecosystem and discuss the process of ecological succession in detail.

12.5

Q.5. Define biodiversity and explain the different values of biodiversity.

12.5

Q.6. Explain the causes, effects and control measures of water pollution.

12.5

Q.7. Explain the following:

- a) Watershed management
- b) Green house effect

6.5

6

Q.8. Write notes on the following:

- a) Drug abuse
- b) Factors influencing population size

6.5

6

Q.9. Briefly explain the following:

- a) Value education
- b) Soil pollution

6.5

6