

Reg. No. :

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**Question Paper Code: 52708**

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2021

Second Semester

Civil Engineering

15UCY207 - ENVIRONMENTAL SCIENCE

(Common to ALL branches)

(Regulation 2015)

Duration: 1:45 hrs

Maximum: 50 Marks

PART A - (10 x 2 = 20 Marks)

Answer any ten of the following questions

1. Define Food chain. CO1-R
2. List the sources of soil pollution. CO2-R
3. Identify the demerits of tidal energy. CO3-R
4. Define sustainable development. CO4-R
5. Define zero population growth. CO5-R
6. What is hot spot of biodiversity. CO1- R
7. List out the control measures of air pollution. CO2- R
8. What is nuclear fission? CO3- R
9. Define resettlement and rehabilitation. CO4- R
10. What are the causes of population explosion? CO5- R
11. Define Food chain and Food web. CO1- R
12. What are the causes of soil pollution? CO2- R
13. What is the importance of green power? CO3- R
14. Distinguish between sustainable and unsustainable development CO4- R
15. Write any two reasons for population explosion. CO5- R

PART – B (3 x 10= 30Marks)

Answer any three of the following questions

16. Discuss the process ecological succession. CO1 -U (10)

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| 17. Describe the sources and effects of water pollution.      | CO2 -U | (10) |
| 18. Discuss the major measures to attain sustainability       | CO3- U | (10) |
| 19. Discuss the effects ad control measures of global warming | CO4- U | (10) |
| 20. Write symptoms and control measures of HIV/AIDS           | CO5 -U | (10) |