



**NAVVRACHANA
UNIVERSITY**
a UGC recognized University

School: School of Engineering and Technology
Program/s: B.Sc(DS)
Year: 2nd **Semester:** 4th
Examination: End Semester Examination
Examination year: May - 2023

Course Code: DS214
Date: 22/05/2023
Time: 10:00 am to 12:00 pm

Course Name: Environment Science
Total Marks: 40
Total Pages: 01

Instructions:

- Use of a calculator is not permitted.
- * COs=Course Outcome mapping. # BTL=Bloom's Taxonomy Level mapping

Q. No.	Details	Marks	COs	BTL
Section A (Attempt all questions and answer in brief)				
Q.1	What is biodiversity? Provide name of three types of biodiversity?	2	3-6	2,4
Q.2	What is eutrophication?	2	1-6	2-5
Q.3	What are different categories of endangered species?	2	3-6	2,4
Q.4	What is acid rain and its effect on environment?	2	1-6	2-5
Q.5	Define nuclear energy?	2	1-6	2-5
Q.6	What are biotic and abiotic components of nature?	2	1,2	2
Q.7	What is Joint Forest Management?	2	1-6	2,5
Q.8	What are producers, consumers and decomposers?	2	4,5	2,3
Q.9	Difference between in situ and ex situ conservation?	2	3-6	2,4
Q.10	Expand IPAS and GIS?	2	3-6	2,4
Section B (Question 3 is compulsory; Attempt any two from 1,2 and 4)				
Q.1	Write about structural and functional aspects of an ecosystem?	5	4,5	2,3
Q.2	Explain different "spheres" which constitute the environment?	5	2	1,2
Q.3	Write about the following (any four; "or" means option to select any one): a. Thermal Pollution or Noise Pollution b. Indirect or direct values of ecosystem c. Oxygen cycle or Nitrogen cycle d. Greenhouse effect or Ozone depletion e. Solid Waste Management	2.5*4	1-6	2-5
Q.4	Provide biogeographical classification of India?	5	3-6	2-4

*****End of Question Paper*****