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**School of Architecture and Design****Bachelor of Design in Interior Design****Mid Term Examination - May 2024****Duration : 90 Minutes****Max Marks : 50****Sem II - B1UC202T - Environmental science**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Discuss the impact of invasive species on native ecosystems. K2 (2)
- 2) What is a biome? K1 (3)
- 3) Discuss the effects of human activities on the carbon cycle. K2 (4)
- 4) Explain the concept of symbiosis with examples. K2 (6)
- 5) What is the role of photosynthesis in the carbon cycle? K3 (6)
- 6) What is sustainable design? Illustrate using suitable example. K3 (9)
- 7) Analyze the impact of acid rain on forest ecosystems. K4 (8)
  
- 8) Describe the challenges designers face when creating sustainable products. K4 (12)

**OR**

How can design help in the restoration of degraded ecosystems? K4 (12)