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**School of Architecture and Design**

Bachelor of Design in Interior Design

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

**Sem III - B1UC306T - Interior environment Control-I**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) What are the major climate zones on Earth? K2 (2)
- 2) How do human activities contribute to climate change? K1 (3)
- 3) How does natural ventilation differ from mechanical ventilation? K2 (4)
- 4) What is the relationship between climate change and biodiversity? K2 (6)
- 5) What is the connection between climate change and extreme weather events? K3 (6)
- 6) How do cultural factors influence perceptions of thermal comfort and interior design choices? K3 (9)
- 7) Explain how HVAC (heating, ventilation, and air conditioning) systems impact thermal comfort and energy efficiency. K4 (8)
- 8) Write about how thermal comfort be balanced with energy efficiency in building design and interiors. K4 (12)

**OR**

How do sustainable materials enhance the aesthetic appeal of interior spaces? K4 (12)