

No. of Printed Pages : 2

**MEDS-047**

**MASTER OF ARTS IN URBAN  
STUDIES (MAUS)**

**Term-End Examination**

**December, 2023**

**MEDS-047 : ECOLOGY, ENVIRONMENT AND  
URBAN DEVELOPMENT**

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** (i) Answer any **five** questions.

(ii) All questions carry equal marks.

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1. What are the different components of ecosystems ? Describe different types of ecosystem of the world. 20
2. Define “landscape ecology.” Why landscape structure and landscape functions changes over time and across space ? Explain. 20
3. Define the concept of Natural Resource Management (NRM). Explain important factors helpful in the management of forests. 20
4. What are the various natural resources available in urban areas ? Discuss their importance to urban development. 20

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5. What are the different types of urban pollution ? How do they affect urban life and health ? 20
6. What do you understand by urban of biodiversity ? Explain strategies for conservation of biodiversity. 20
7. Define the concept of climate change. Discuss important factors responsible for climate change. 20
8. Write short notes on any *two* of the following :  
10+10
  - (a) Benefits of agricultural mechanization
  - (b) Effect of industrialization on ecosystem
  - (c) National Environment Policy (NEP), 2006