

University of Colombo - Sri Lanka

Faculty of Arts

**Special/Study Stream Degree Examination in Arts (Geography) – Part II**

End of the Semester Examination

Semester I- 2018

**GYG 3264 Urban Environment and Management**

Time: Two (02) Hours

Answer **three (03)** questions selecting at least **one** question from each part.

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**Part I**

1.
  - i. State the indicators of City Pollution Index  
(02 Marks)
  - ii. Discuss the causes of water pollution.  
(03 Marks)
  - iii. Examine the possible solutions to minimise urban water pollution in developing countries with specific examples.  
(15 Marks)
  
2.
  - i. Define the term ‘Urban Sprawl’  
(03 Marks)
  - ii. Briefly explain the causes of urban sprawl.  
(05Marks)
  - iii. Examine the issues related to urban land use changes with examples.  
(12 Marks)
  
3.
  - i. Briefly introduce the impact of open dumping of urban waste on natural environment in an urban area.  
(05Marks)
  - ii. Examine the social effects of urban environmental pollution with suitable examples.  
(15Marks)

## Part II

- 4.
- i. Identify urban residential zones according to the Multiple Nuclei Model  
(03 Marks)
  - ii. Explain briefly the disparities of residential zones you have mentioned in above 4(i) question.  
(05 Marks)
  - iii. Examine the impact of industrial development on urbanisation process using examples from South East Asian Land use model.  
(12 Marks)
- 5.
- i. Briefly discuss the role of different stakeholders in urban management.  
(05 Marks)
  - ii. Discuss to which extent the Sustainable Development Goals (SDGs) are important in achieving the goal of Sustainable Cities and Communities.  
(15 Marks)
- 6.
- i. Define the term 'Blue-Green City'.  
(03 Marks)
  - ii. Briefly explain the strategies that can be implemented to create a Blue-Green city.  
(05Marks)
  - iii. Ramsar Convention declared "Wetlands for a Sustainable Urban Future" as the theme of World Wetlands Day in 2018. Elaborate the above theme with examples.  
(12 Marks)

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