

M. Sc. (Geoinformatics) SEM-I (CBCS) (2013 Course) : WINTER - 2018
SUBJECT : URBAN ENVIRONMENT MANAGEMENT

Day : Monday
Date : 26/11/2018

W-2018-1240

Time : 10.00 AM TO 01.00 PM
Max. Marks : 60

N.B.

- 1) Answer any **FIVE** questions.
 - 2) Figures to the right indicate **FULL** marks.
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- Q.1** Explain the role of GIS in urban environment management in various sectors such as transportation, utilities and open spaces. **(12)**
- Q.2** a) How urban planning can be a cause of urban floods, or can be used in mitigating floods? Explain with suitable examples. **(06)**
- b) What are environmental impacts of urban traffic? **(06)**
- Q.3** a) What are the problems related to fringe areas of a city? **(06)**
- b) Explain strategies adopted for slum improvement or rehabilitation. **(06)**
- Q.4** a) What is urban tree act? What is its role in sustainable city? **(06)**
- b) What are environmental considerations in urban solid waste management? **(06)**
- Q.5** a) Explain sustainable urban transport. **(06)**
- b) Explain importance of planning as a tool of development control. **(06)**
- Q.6** Write short notes on any **THREE** : **(12)**
- a) Role of open spaces in environmental management
 - b) Public private partnership
 - c) Environmental impact of new townships
 - d) Importance of climate responsive interventions

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