

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

(10 Marks)



(10 Marks)

(10 Marks)

## OR

- 6 a. Explain traffic signal design as per IRC method.
  - b. Discuss briefly the different types of co-ordinated signal system.

## Module-4

- 7 a. Describe the causes of road accidents and also suggest preventive measures to control accidents. (10 Marks)
  - b. What are the major air pollutants due to road traffic? Explain consequences of each.

(10 Marks)

## OR

- 8 a. List out the detrimental effects of traffics on the environment and explain any two. (10 Marks)
  b. Explain various techniques for control of traffic noise. (10 Marks)
  - Module-5
- **9** Write short notes on:
  - a. Traffic system management
  - b. Travel demand management
  - c. Traffic regulatory measures
  - d. Traffic congestion.

(20 Marks)

## OR

- 10a.Explain traffic management, enforcement and education.(10 Marks)
  - b. Explain parking pricing and congestion pricing methods to control traffic management.

(10 Marks)