Assignment 7

Due on 2020-03-18, 23:59 IST.

The due date for submitting the assignment has passed.

As per our records you have not submitted the assignment.

1) Microscopic and macroscopic modeling consider _______ to ________ vehicles, respectively.
   Accepted Answers: 0
   Score: 0
   The answer is incorrect.

2) Which among the following is not a step involved in planning a city?
   - Top distance
   - Water scheme
   - Topography
   - Topography
   Accepted Answers: Top distance
   Score: 0
   The answer is incorrect.

3) The major functional areas of transportation engineering are __________, design, operations and management.
   Accepted Answers: Planning
   Score: 0
   The answer is incorrect.

4) Heterogeneity and variability are some of the major problems faced in the modelling of Indian traffic. [True/False]
   Accepted Answers: True
   Score: 0
   The answer is correct.

5) Choose all that is ________.
   - Intelligent Transportation System
   - Intensive Transportation System
   - Intensive Transportation System
   - Indian Tourism System
   Accepted Answers: Intelligent Transportation System
   Score: 0
   The answer is incorrect.

6) Which step among the following is not involved in watershed development?
   - Flow direction
   - Shilt network
   - Flow network
   - DEM
   Accepted Answers: Flow network
   Score: 0
   The answer is incorrect.

7) Calculate surface runoff flux from the following data by performing mass balance on the land surface:
   - Gravitation flux = 1
   - Infiltration from land surface = 75
   - Precipitation on land = 115
   Accepted Answers: 47.5
   Score: 0
   The answer is incorrect.

8) Precipitation is measured using ________ instrument and is in units of ________.
   - Rain gauge, m
   - Rain gauge, mm
   Accepted Answers: Rain gauge, mm
   Score: 0
   The answer is correct.

9) Watershed boundary is formed based on elevation differences. [True/False]
   Accepted Answers: True
   Score: 0
   The answer is correct.

10) Calculate the residence time of atmospheric water from the following data (Marches over land = 4.81 x 10^7 km², Moisture over ocean = 1.1 x 10^7 km²).
   - Precipitation on land = 115 x 10^7 km²/year, precipitation on ocean = 485 x 10^7 km²/year
   - 9 years
   - 5 years
   - 10 years
   - 10 days
   Accepted Answers: 10 years
   Score: 0
   The answer is incorrect.