Assignment 5
The due date for submitting this assignment has passed. As per our records, you have not submitted this assignment.

Due on 2020-03-04, 23:59 IST.

1. Growth field refers to
   a. Development of land without any vegetation
   b. Development of land contaminated with hazardous waste and pollution
   c. Development of land which is not used for agricultural land
   d. The answer is incorrect. Score: 0

   Accepted Answer: Development of land contaminated with hazardous waste and pollution

2. Higher is the density of development
   a. Lesser is the requirement of infrastructure capacity
   b. Higher is the requirement of infrastructure capacity
   c. Has no impact on the infrastructure needed
   d. Is highly difficult to provide infrastructure
   e. The answer is incorrect. Score: 0

   Accepted Answer: Higher is the requirement of infrastructure capacity

3. Infiltration refers to
   a. Snowfall for the water
   b. A slow filter trap that filters storm water runoff
   c. Trench that collects filtered water to be stored and reused
   d. Concrete trench to direct the storm water to the rainwater harvesting plot
   e. The answer is incorrect. Score: 0

   Accepted Answer: A slow filter trap that filters storm water runoff

4. Seeding is done on the soil to
   a. Increase the number of rain
   b. Increase the movement of water
   c. Snowfall
   d. Some evaporation of water
   e. The answer is incorrect. Score: 0

   Accepted Answer: Increase the number of rain

5. Micro-climate of a city is generally the climate condition of
   a. The first 100m above the ground surface
   b. Exactly at the ground surface
   c. The first 1000m above the ground surface
   d. At 1600m above the ground surface
   e. The answer is incorrect. Score: 0

   Accepted Answer: The first 100m above the ground surface

6. The phenomenon of temperature of cities being higher than the temperature of the surrounding area is called as
   a. Cold sea phenomenon
   b. Urban Heat Island
   c. Hot Surface Phenomenon
   d. Urban heat wave
   e. The answer is incorrect. Score: 0

   Accepted Answer: Urban Heat Island

7. Provision of Peninsular pavement helps in
   a. Limiting imperviousness
   b. Increase in storm water run-off volumes
   c. Decrease in storm water run-off volumes
   d. Increased soil erosion
   e. The answer is incorrect. Score: 0

   Accepted Answer: Limiting imperviousness

8. Rainwater is harvested from non-regulated roof surfaces (1000 sq m roof area, with runoff coefficient as 0.85). The system is designed to capture the total runoff from 25 mm of rainfall. What is the total runoff volume available from this roof surface with the given rainfall?
   a. 21.75 l
   b. 23.75 l
   c. 25.75 l
   d. 27.75 l
   e. The answer is incorrect. Score: 0

   Accepted Answer: 21.75 l

9. None of the following design aspects is not suggested to meet the public needs of differently-abled people
   a. Uniformity of flooding level ramps
   b. Powdered or paving stones
   c. Provision of steps with rise more than 150mm
   d. Wheel supported lifts
   e. The answer is incorrect. Score: 0

   Accepted Answer: Provision of steps with rise more than 150mm

10. As per MoRD 2011, guidelines (NBSA Parameters) dedicated and physically segregated bicycle tracks with width of _______ m or more, one in each _______ direction.
    a. 3, 2
    b. 3, 3
    c. 2, 2
    d. 2, 3
    e. 2, 5

   Accepted Answer: 3, 2