

Unit 2 - Week 0

Course outline
How does an NPTEL online course work?
Week 0
○ Quiz : Assignment 0
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Week 9
Week 10
Week 11
Week 12
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Text Transcripts

Assignment 0

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

Due on 2020-09-14, 23:59 IST.

- 1) Traffic Volume Count is expressed in _____? 1 point
- a. Equivalent Car Unit
 - b. Equivalent Car Space
 - c. Passenger Car Unit
 - d. Passenger Car Space
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c. Passenger Car Unit
- 2) Level of Service is _____ measure of traffic flow? 1 point
- a. Quantitative
 - b. Qualitative
 - c. Both a and b
 - d. None of the above
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b. Qualitative
- 3) Which of the following is not the performance measure for assigning level of service? 1 point
- a. Travel Time
 - b. Delay
 - c. Headway
 - d. Density
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c. Headway
- 4) The total volume passing a point of a highway facility in both directions for one year divided by the number of days in the year is expressed as? 1 point
- a. Yearly traffic
 - b. Average Daily Traffic
 - c. Annual Average Daily Traffic
 - d. Annual Average Weekday Traffic
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c. Annual Average Daily Traffic
- 5) Which of the following is the correct relationship between flow (q), speed (u) and density (k)? 1 point
- a. $q=k/u$
 - b. $q=uk$
 - c. $u=kq$
 - d. $u=k/q$
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b. $q=uk$
- 6) What is the traffic volume in vehicle/hour/lane, given an average headway equals to 8 seconds? 1 point
- a. 0.125
 - b. 45
 - c. 7.5
 - d. 450
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d. 450
- 7) What does NUTP stands for? 1 point
- a. National Urban Transportation Plan
 - b. National Urban Transport Plan
 - c. National Urban Transport Policy
 - d. National Urban Transportation Policy
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c. National Urban Transport Policy
- 8) What is the correct order of four stage travel demand modelling? 1 point
- a. Trip assignment->Trip distribution->Mode choice->Trip generation
 - b. Trip generation->Trip assignment->Mode Choice->Trip distribution
 - c. Mode choice->Trip generation->Trip distribution->Trip assignment
 - d. Trip generation->Trip distribution->Mode choice->Trip assignment
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d. Trip generation->Trip distribution->Mode choice->Trip assignment
- 9) Which of the following is an active mode of transportation? 1 point
- a. Bus
 - b. Bicycle
 - c. E-Ricksaw
 - d. Car
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b. Bicycle
- 10) What is the value of V/C ratio when the roadway facility operates at its full capacity? 1 point
- a. 0.0
 - b. 0.5
 - c. 1.0
 - d. 1.5
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c. 1.0
- 11) Which of the following is a probability sampling technique? 1 point
- a. Snowball sampling
 - b. Systematic random sampling
 - c. Quota sampling
 - d. Convenience sampling
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b. Systematic random sampling
- 12) What is defined as the ratio of the hourly flow rate to the peak 15 minute rate of flow? 1 point
- a. Load Factor
 - b. Peak Hour Factor
 - c. Peak Value
 - d. Quarter Hour Factor
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b. Peak Hour Factor
- 13) Answer in true/false 1 point
- A. Level of Service is classified at 7 quality levels
B. Level of Service A is the best state of service
C. Level of Service F describes uninterrupted flow of traffic
- a. A-False, B-True, C-False
 - b. A-True, B-True, C-False
 - c. A-True, B-True, C-True
 - d. A-False, B-True, C-True
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a. A-False, B-True, C-False
- 14) Answer in true/false 1 point
- A. TAZ stands for Trip Attraction Zone
B. TAZ is an area delineated to aggregate traffic related data
C. TAZs are designed to be as homogenous as possible
- a. A-True, B-True, C-False
 - b. A-False, B-True, C-False
 - c. A-False, B-True, C-True
 - d. A-True, B-False, C-True
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c. A-False, B-True, C-True
- 15) What are the characteristics of an urban settlement as per URDPFI guidelines? 1 point
- a. A minimum population of 5000
 - b. A density of population of at least 400 persons per sq. km.
 - c. At least 75 % of the male working population engaged in non- agricultural jobs
 - d. All of the above
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d. All of the above
- 16) The horizontal line between two adjacent trajectories in a space-time diagram is called as _____? 1 point
- a. Space headway
 - b. Clearance
 - c. Time headway
 - d. None of the above
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c. Time headway
- 17) Which of the given statement(s) is/are correct for Transit Oriented Development? 1 point
- A. It is a tool to create sustainable communities
B. It creates pedestrian friendly development around a public transport station
C. It is a low density and mixed income development
- a. B only
 - b. A and B only
 - c. B and C only
 - d. A, B and C
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b. A and B only
- 18) Which of the following statement(s) is/are correct as per URDPFI guidelines? 1 point
- A. Urban land use is classified into 10 categories
B. Comprehensive Mobility Plan is a plan to improve accessibility of an area
C. Urbanisable zone is land use classification for Regional Plan
- a. A and B only
 - b. A and C only
 - c. B and C only
 - d. A, B and C
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d. A, B and C
- 19) Which of the following is a traffic count survey carried out at the perimeter of an enclosed area? 1 point
- a. Queue length surveys
 - b. Screen line surveys
 - c. Intersection surveys
 - d. Cordon surveys
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d. Cordon surveys
- 20) Which of the following is not an influencing factor for trip generation? 1 point
- a. Education level
 - b. Household structure
 - c. Vehicle ownership
 - d. Residential density
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a. Education level