

Unit 2 - Week 0 Assignment 0

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Assignment 0

The due date for submitting this assignment has passed. **Due on 2020-09-14, 23:59 IST.**
As per our records you have not submitted this assignment.

- Which of the following feature is a part of urban roads? 1 point

a. Sidewalks
b. Cycle lanes
c. BRT lanes
d. All of the above

a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0
Accepted Answers: d
- Which of the following urban mass rapid transit mode? 1 point

a. City bus service
b. Suburban rail
c. Metro rail
d. Intercity rail

a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0
Accepted Answers: c
- Which of the following is not a sustainable mode of transportation? 1 point

a. Walking
b. Cycling
c. Car
d. Public Transportation

a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0
Accepted Answers: c
- What is the usual width of lane in urban roads? 1 point

a. 2 m
b. 3.5 m
c. 2.5 m
d. 5m

a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0
Accepted Answers: b
- What type of transportation is 'cycle rickshaw'? 1 point

a. Non-motorized transportation
b. Motorized transportation
c. Rapid transportation
d. None of the above

a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0
Accepted Answers: a
- Which of following is not a type of urban road? 1 point

a. Arterial
b. Sub-arterial
c. Collector
d. National Highway

a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0
Accepted Answers: d
- Which of the following is not a type of pedestrian road crossing infrastructure? 1 point

a. Foot over bridge
b. Pedestrian under bridge
c. Crosswalks
d. Sidewalks

a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0
Accepted Answers: d
- What is full form of ADT? 1 point

a. Annual Daily Traffic
b. Average Daily Traffic
c. Adjusted Daily Traffic
d. Additive Daily Traffic

a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0
Accepted Answers: b
- Determine the mean, median and mode of the following dataset: 1 point

5, 8, 4, 4.5, 6.9, 5, 4.3, 7, 6, 5

a) Mean=5.57, Median=5.5, Mode=5
b) Mean=5.5, Median=5.57, Mode=5
c) Mean=5.57, Median=5, Mode=5
d) Mean=5, Median=5, Mode=5

a)
 b)
 c)
 d)

No, the answer is incorrect.
Score: 0
Accepted Answers: d
- What is the probability distribution, having a *bell shaped curve* better known as? 1 point

a) Exponential Distribution
b) Gamma Distribution
c) Erlang Distribution
d) Normal Distribution

a)
 b)
 c)
 d)

No, the answer is incorrect.
Score: 0
Accepted Answers: d
- What type of graphical representation of data does the following depict? The data used in this respect are arrival times of cars to a traffic queue at a signalized intersection. 1 point



a) Bar Chart
b) Histogram
c) Pie Chart
d) Ogives

a)
 b)
 c)
 d)

No, the answer is incorrect.
Score: 0
Accepted Answers: b
- Select the general equation of a straight line from the following: 1 point

a) $y=ax + b$
b) $(x - a)^2 + (y - b)^2 = r^2$
c) $\frac{(x-a)^2}{a^2} - \frac{(y-b)^2}{b^2} = 1$
d) $y=ax^2 + bx + c$

a)
 b)
 c)
 d)

No, the answer is incorrect.
Score: 0
Accepted Answers: a
- An urban road has a traffic flow equal to 5000 vehicles per hour on a certain day in the year 2014. After 5 years, the flow of traffic vehicles is measured again and was found to be 6596 vehicles per hour on the same day. What is the percent increase in vehicles on that urban road for that day over the 5 year period? 1 point

a) 31.92%
b) 30%
c) 35.92%
d) 40%

a)
 b)
 c)
 d)

No, the answer is incorrect.
Score: 0
Accepted Answers: a
- From the following graph, what is the value of x when the value of y is zero? Consider the vertical axis as Y-axis and the horizontal axis as X-axis. 1 point



a) $x=0$
b) $x=0$ and $x=8$
c) $x=0$ and $x=-5$
d) $x=8$

a)
 b)
 c)
 d)

No, the answer is incorrect.
Score: 0
Accepted Answers: b
- State True or False: Standard deviation for a dataset can be negative 1 point

a) True
b) False

a)
 b)

No, the answer is incorrect.
Score: 0
Accepted Answers: b
- The correlation co-efficient value between two variables X and Y is zero. Which of the following statements is correct: 1 point

a) As X increases Y also increases
b) As X increases Y decreases
c) There is no relation between X and Y
d) As Y increases X also increases

a)
 b)
 c)
 d)

No, the answer is incorrect.
Score: 0
Accepted Answers: c