

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the following code:

```
import numpy as np
from sklearn.linear_model import LinearRegression
X = np.array([[1, 1], [1, 2], [2, 2], [2, 3], [2, 1], [3, 3]])
#  $y = 1 * x_0 + 2 * x_1 + 3$ 
y = np.dot(X, np.array([1, 2])) + 3

reg1 = LinearRegression(fit_intercept = False).fit(X, y)
s1 = reg1.score(X, y)

reg2 = LinearRegression(fit_intercept = True).fit(X, y)
s2 = reg2.score(X, y)
```

Which of the following is more likely to be true?

Options :

6406531929998. ✖ $s1 = s2$

6406531929999. ✔ $s1 < s2$

6406531930000. ✖ $s1 > s2$

BDM

Section Id :	64065339078
Section Number :	13
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	11
Number of Questions to be attempted :	11
Section Marks :	16
Display Number Panel :	Yes
Group All Questions :	No

Enable Mark as Answered Mark for Review and Clear Response :

Yes

Maximum Instruction Time :

0

Sub-Section Number :

1

Sub-Section Id :

64065382626

Question Shuffling Allowed :

No

Is Section Default? :

null

Question Number : 207 Question Id : 640653577961 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 0

Question Label : Multiple Choice Question

THIS IS QUESTION PAPER FOR THE SUBJECT "DIPLOMA LEVEL : BUSINESS DATA MANAGEMENT (COMPUTER BASED EXAM)"

ARE YOU SURE YOU HAVE TO WRITE EXAM FOR THIS SUBJECT?
CROSS CHECK YOUR HALL TICKET TO CONFIRM THE SUBJECTS TO BE WRITTEN.

(IF IT IS NOT THE CORRECT SUBJECT, PLS CHECK THE SECTION AT THE [TOP](#) FOR THE SUBJECTS REGISTERED BY YOU)

Options :

6406531930033.  YES

6406531930034.  NO

Sub-Section Number :

2

Sub-Section Id :

64065382627

Question Shuffling Allowed :

Yes

Is Section Default? :

null

Question Number : 208 Question Id : 640653577962 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 2

Question Label : Multiple Choice Question

Match the following:

i. Total utility	a. Satisfaction gained from consuming one additional unit of good or service
ii. Marginal utility	b. Aggregate satisfaction gained from consuming a specific quantity of good or service.
iii. Average utility	c. Satisfaction gained from per unit of good or service consumed.
----	d. Satisfaction gained from consuming one additional unit of good or service after the satisfaction levels match average utility threshold.

Options :

6406531930035. ✖ i-b, ii-d, iii-a

6406531930036. ✖ i-d, ii-c, iii-b

6406531930037. ✖ i-b, ii-a, iii-d

6406531930038. ✖ i-c, ii-a, iii-d

6406531930039. ✔ i-b, ii-a, iii-c

6406531930040. ✖ i-c, ii-d, iii-a

Question Number : 209 Question Id : 640653577963 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 2

Question Label : Multiple Choice Question

Theoretically, a customer will keep buying an item as long as _____ of the item is _____ the per unit price of the item.

Options :

6406531930041. ✖ total utility; lesser than

6406531930042. ✖ variable cost; greater than

6406531930043. ✔ marginal utility; greater than

6406531930044. ✖ variable cost; lesser than

6406531930045. ✖ marginal utility; lesser than

Sub-Section Number :	3
Sub-Section Id :	64065382628
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 210 Question Id : 640653577964 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Which of the following is the single best differentiator between luxury and normal goods?

Options :

6406531930046. ✖ Supply

6406531930047. ✖ Demand

6406531930048. ✖ Production costs

6406531930049. ✖ Capital expense

6406531930050. ✔ Price elasticity of demand

Question Number : 211 Question Id : 640653577965 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

A soap manufacturing unit produces 5000 boxes of soap at a total cost of Rs. 250,000. The variable cost per box of soap is Rs. 20. What is the average cost per box of soap?

Options :

6406531930051. ✖ Rs. 250

6406531930052. ✔ Rs. 50

6406531930053. ✖ Rs. 12500

6406531930054. ✖ Rs. 5

Question Number : 212 Question Id : 640653577966 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

When a consumer reaches the point of satiation or overconsumption, the customer's:

Options :

6406531930055. ✖ total utility of the good is zero.

6406531930056. ✖ total utility of the good is at its maximum.

6406531930057. ✔ marginal utility becomes zero

6406531930058. ✖ total utility of the good is greater than twice the price of the good

Question Number : 213 Question Id : 640653577967 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

_____ is a measure of a company's liquidity and short-term solvency.

Options :

6406531930059. ✔ current ratio

6406531930060. ✖ quick ratio

6406531930061. ✖ cash ratio

6406531930062. ✖ inventory ratio

Question Number : 214 Question Id : 640653577970 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Total utility is maximum when:

Options :

6406531930071. ✖ marginal utility is negative

6406531930072. ✔ marginal utility is zero

6406531930073. ✖ marginal utility is increasing

6406531930074. ✖ marginal utility is decreasing

Question Number : 215 Question Id : 640653577971 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Total utility _____ at (a / an) _____ rate when marginal utility is decreasing but positive.

Options :

6406531930075. ✖ decreases, increasing

6406531930076. ✖ decreases, decreasing

6406531930077. ✖ increases, increasing

6406531930078. ✔ increases, decreasing

Sub-Section Number :	4
Sub-Section Id :	64065382629
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 216 Question Id : 640653577968 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

A Company has the following information for the fiscal year ending December 31, 2022:

- Current Assets: \$800,000
- Current Liabilities: \$400,000
- Inventory: \$200,000

Calculate the current ratio for the company.

Options :

6406531930063. ✖ 1.50

6406531930064. ✖ 2

6406531930065. ✖ 3

6406531930066. ✔ 2.50

Question Number : 217 Question Id : 640653577969 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

Quick ratio of a company with current liabilities of Rs. 1 crore is 0.6. If the company liquidates some long-term assets and receives 25 lakhs in cash, then its quick ratio will become _____.

Options :

6406531930067. ✖ 0.50

6406531930068. ✔ 0.85

6406531930069. ✖ 0.35

6406531930070. ✖ 0.55

Business Analytics

Section Id :	64065339079
Section Number :	14
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	11
Number of Questions to be attempted :	11
Section Marks :	20
Display Number Panel :	Yes
Group All Questions :	No
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	64065382630
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 218 Question Id : 640653577972 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 0