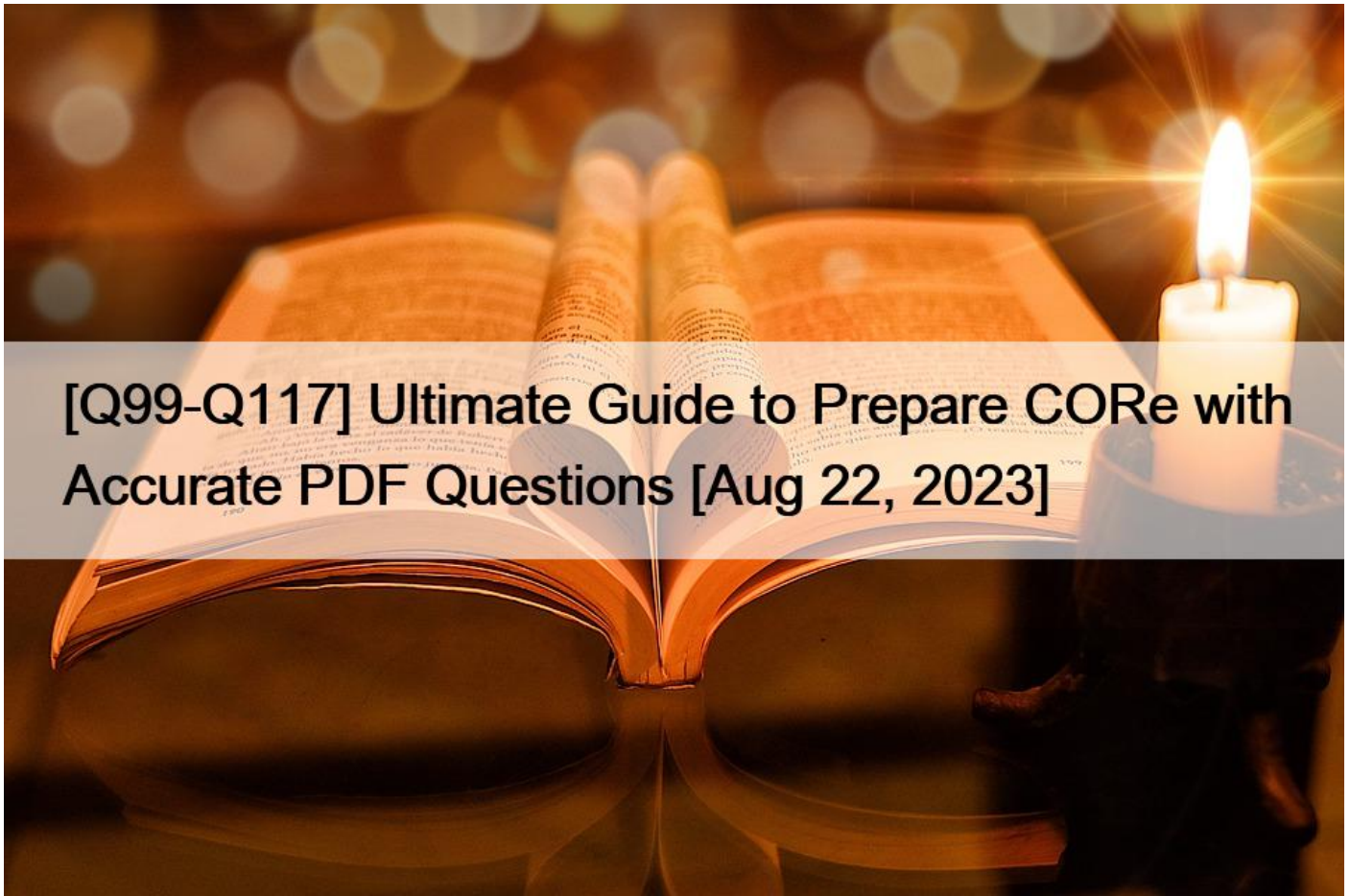# [Q99-Q117 Ultimate Guide to Prepare CORe with Accurate PDF Questions [Aug 22, 2023

Ultimate Guide to Prepare CORe with Accurate PDF Questions [Aug 22, 2023]
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QUESTION 99

A manager at an internet retailer wants to determine whether a recent change in the company’s supply chain strategy has affected the amount of time it takes for an order to reach a customer. The historical average amount of time from placing the order to final delivery is 5.2 days. A random sample of 60 orders taken after the implementation of the new strategy indicates an average delivery time of 4.5 days with a standard deviation of 1.4 days. The manager wishes to perform a hypothesis test at a 95% confidence level. Which option represents the correct calculation for the range of likely sample means? Please note that the function for confidence intervals in Excel is =CONFIDENCE.NORM(alpha, standard_dev, size).

* =4.5 +- CONFIDENCE.NORM(0.025,1.4,60)
* =4.5 +- CONFIDENCE.NORM(0.05,1.4,60)
* =5.2 +- CONFIDENCE.NORM(0.025,1.4,60)
* =5.2 +- CONFIDENCE.NORM(0.05,1.4,60)

QUESTION 100

A company provided the following information on its financial statements for 2013: What is the company's accounts receivable turnover ratio for 2013?

|	Dec. 31, 2012	Dec. 31, 2013
Accounts receivable	$150,000	$350,000
	2012	2013
Sales revenue	$620,000	$840,000
Net credit sales	$430,000	$720,000
Cost of goods sold	$280,000	$360,000

* 2.06
* 2.40
* 2.88
* 3.36

QUESTION 101

Why are prices typically higher when a firm has monopoly power than when firms are perfectly competitive?
* Competitive firms do not have enough market power to produce where marginal revenue equals marginal cost.
* A competitive firm has less incentive to keep prices high on inframarginal customers.
* Monopolies are profit maximizing, while perfectly competitive firms are not.
* A monopolist cannot sustain profits without expanding production.

QUESTION 102

An individual interviews 15 people under the age of 40 and asks each for their age and salary. The resulting scatter plot is shown below.
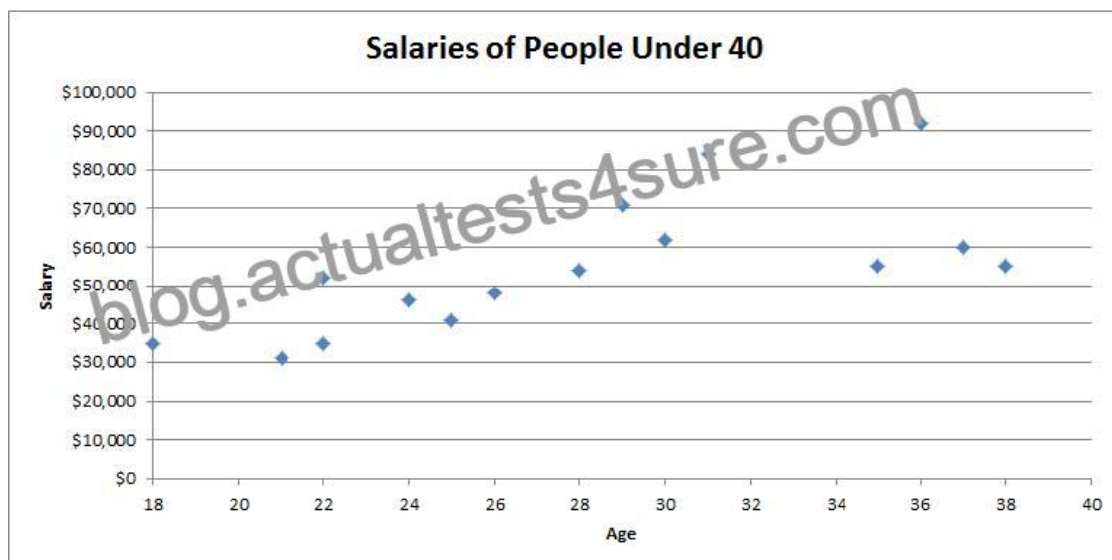
Based on this graph, the correlation between age and salary appears to be approximately:
* -0.7

* -0.3
* 0.3
* 0.7

QUESTION 103

Deferred Taxes can be which of the following account types? (Select all that apply.)
* Asset
* Liability
* Owner’s Equity
* Revenue
* Expense

QUESTION 104

Based on the histogram below, order the mean, median, and mode of the data from smallest to largest.
* Mode, Median, Mean
* Median, Mode, Mean
* Mode, Mean, Median
* Mean, Mode, Median

QUESTION 105

In finance, beta is a measure of the systematic risk of a security in comparison to the market as a whole. Beta can be found by running a regression analysis of the monthly returns of the security versus the monthly returns of the general market. The regression output table below shows the relationship between Boeing’s monthly returns and the monthly returns of the Standard and Poor’s 500 (S&P 500) which is a stock market index of 500 large companies.

SUMMARY OUTPUT

Dependent Variable: Boeing Monthly Return

Regression Statistics	
Multiple R	0.5204
R Square	0.2708
Adjusted R Square	0.2696
Standard Error	0.08
Observations	623

ANOVA

	df	SS	MS	F	Significance F
Regression	1	1.53	1.53	230.59	0.0000
Residual	621	4.12	0.01		
Total	622	5.65			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.01	0.00	2.32	0.0206	0.00	0.01
S&P Monthly Return	1.14	0.08	15.19	0.0000	1.00	1.29

If beta is the average change in Boeing’s monthly returns as the monthly returns of the S&P 500 increase by one, what is Boeing’s beta?
* 0.0100
* 0.2708
* 0.5204
* 1.1400

QUESTION 106

A company bought a piece of land in 2012 for $200,000. In 2013, the piece of land temporarily reduced in value to $150,000 but then appreciated in value to $220,000. How would the company report this piece of land on its balance sheet for 2013?
* $150,000
* $185,000
* $200,000
* $220,000

QUESTION 107

The assets of Company A at the end of their fiscal year are shown on the following common-size table.

Cash & Equivalents	10%
Accounts Receivable	20%
Inventory	25%
Property, Plant, & Equipment	45%

Company A is MOST likely to be which of the following types of business?
* Brewery
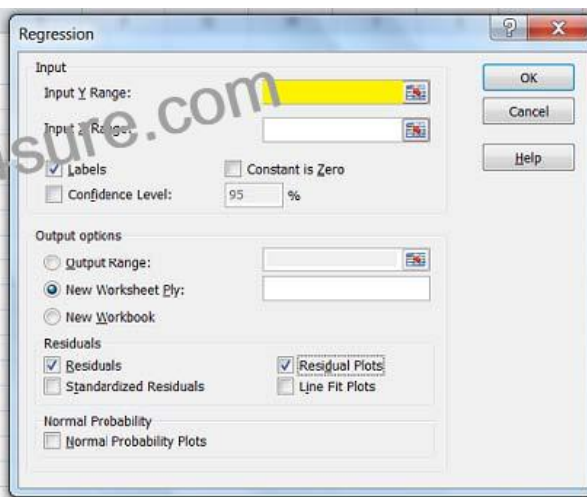* Car dealership
* Commercial bank
* Law firm

QUESTION 108

Which of the following options would MOST likely be considered a variable cost?
* The hourly wage of a student mowing lawns for a landscaping company
* The monthly salary of a manager at a telecommunications company
* The loan payment for a new machine at a manufacturing company
* A license to serve alcohol for a new restaurant

QUESTION 109

The owner of a chain of convenience stores is concerned that store-level marketing expenditures are not increasing its stores’ sales. In addition, the owner believes that an especially cold winter has caused sales to drop. The owner collects data in Dec. 2013 for a random sampling of 50 stores in the Midwestern region of the United States; a portion of this spreadsheet is given below.

	A	B	C	D
1	Store Number	Amount Spent on Marketing in December 2013	Average Temperature in December 2013	Total Sales in December 2013
2	4	3,030	30	$24,482
3	7	4,695	21	$8,817
4	11	16,709	38	$1,858.62?
5	13	3,146	28	$24,?.?0
6	17	1,603	37	$37,285
7	18	2,681	31	$212,706
8	22	5,54?	36	$213,835
9	24	?,308	22	$5,327
10	25	3,926	28	$46,240
11	28	4,169	23	$88,810
12	29	1,624	26	$10,550
13	33	2,772	35	$82,329
14	35	2,474	30	$210,184
15	38	3,604	34	$314,782
16	42	1,936	40	$85,503
17	46	6,777	37	$202,257
18	47	2.853	23	$45.209

Regression dialog box:

Input
Input Y Range: [highlighted yellow]
Input X Range:
☑ Labels   ☐ Constant is Zero
☐ Confidence Level: 95 %

Output options
☐ Output Range:
◉ New Worksheet Ply:
☐ New Workbook

Residuals
☑ Residuals   ☑ Residual Plots
☐ Standardized Residuals   ☐ Line Fit Plots

Normal Probability
☐ Normal Probability Plots

[OK] [Cancel] [Help]

In the regression specified above, which cell range belongs in the highlighted region?
* B1:B51
* B1:C51
* C1:D51
* D1:D51

QUESTION 110

If an analyst looks at a start-up’s statement of cash flows for the past three years, it is MOST likely that the analyst will find:
* a significant positive operating cash flow, because the start-up may achieve a large market share.
* a large positive financing cash flow, because the start-up has been funded by investors or other third parties.
* a positive investing cash flow, because the start-up has just enough equipment to operate.
* a significant positive operating cash flow because of the effect of depreciation.

QUESTION 111

Individual orange farmers in a country decide to pool their advertising money and collectively release a new series of advertisements for oranges. Why would the farmers do this?
* They want to differentiate their brands.
* They want to shift the demand curve for oranges to the right.
* They want to increase their market power in the orange production industry.
* They want to shift the supply curve for oranges to the right.

QUESTION 112

A tech company has just completed market research on a potential new project that would last three years. The research cost $150,000 and determined that the project is expected to bring in $200,000 of revenue annually. The company will have to lease a plant for a total three-year cost of $100,000 and calculates that materials and labor will cost 60 percent of revenue. Given this information, what will economic profits be for the three years, and should the project be adopted?
* -$10,000. No, the project should not be adopted.
* $140,000. Yes, the project should be adopted.
* $140,000. No, the project should not be adopted.
* $240,000. Yes, the project should be adopted.

QUESTION 113

The electric car market is expected to grow significantly over the next few years due to new technologies making electric cars more affordable. Which of the following types of companies would MOST likely benefit from the substitution of electric cars for traditional vehicles?

* Airlines
* Public transportation
* Oil suppliers
* Auto mechanics

QUESTION 114

The management of Company A, a consumer products company, is forecasting revenue as part of their internal budget exercise. Which of the following factors is of the LEAST value in arriving at the forecast revenue amount?

* The revenue level needed to exceed break-even
* Competitive pressures and new products
* The market strength for the company’s products
* Overall macroeconomic conditions

QUESTION 115

—

A student is interested in which factors affect the U.S. poverty rate and develops a model using the following independent variables:

The unemployment rate The percent of the adult (over 25) population with at least a bachelor’s degree The percent of the population without health insurance

The student collects data from each of the 50 states in the U.S. and Washington D.C. for the year 2012 and runs the regression in Excel. The results of this regression are given below. Based on these results, what does the model predict the poverty rate would be for a state for which the unemployment rate is 6%, 20% of all adults over 25 have at least a bachelor’s degree, and 5% of the population does not have health insurance?

SUMMARY OUTPUT
Dependent Variable: Poverty Rate (%)

Regression Statistics	
Multiple R	0.7465
R Square	0.5572
Adjusted R Square	0.5290
Standard Error	0.02
Observations	51

ANOVA

	df	SS	MS	F	Significance F
Regression	3	0.03	0.01	19.72	0.0000
Residual	47	0.02	0.00		
Total	50	0.05			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.13	0.03	4.64	0.0000	0.07	0.18
Unemployment Rate	0.84	0.18	4.80	0.0000	0.49	1.20
Bachelor's degree or higher	-0.22	0.07	-3.32	0.0018	-0.35	-0.08
Percent Uninsured	0.10	0.10	1.04	0.3025	-0.09	0.30

(Note that all percent values are given as numbers between 0 and 1.)

* 1.14%
* 1.27%
* 14.14%
* 26.48%

QUESTION 116

A student conducts a two-sided hypothesis test and is looking for a confidence level of 65%. For which of the p-values below would the student reject the null hypothesis? (Select all that apply.)
* 0.13
* 0.27
* 0.41
* 0.63
* 0.72

QUESTION 117

Why would an entrepreneur want to operate a mobile food truck instead of a restaurant?
* A mobile food truck invites a wider variety of customers than a restaurant.
* In the long-run restaurants make zero economic profit.
* In the short-run restaurants make zero economic profit.
* A mobile food truck has lower fixed costs than a restaurant.

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