



**ELECTIVE 3 – SUPPLY CHAIN MANAGEMENT**

## *Final Term Examination*

December 11-13, 2024

Full Name: \_\_\_\_\_

Year/Section: \_\_\_\_\_

Score: \_\_\_\_\_

## General Instructions:

- ✓ No Cheating!
  - ✓ Wrong Spelling Wrong!
  - ✓ Smart phones and smart watches must be turned off!

## TEST I: IDENTIFICATION

*Instruction: Read the statement carefully and write your answer on the space provided. (10pts)*

1. *Introducing new skills, people, roles, and responsibilities.*
  2. *Introducing new capital or financing.*
  3. *Introducing new organization, governance, administration, or oversight.*
  4. *It can be used as a powerful advantage, giving your company a competitive edge.*  
*It can be applied to enhance and possibly automate decision making, reinvent*
  5. *business models, all of which could make other emerging technologies obsolete.*  
*It helps reduce supply chain complexity by recording transactions and consolidating*
  6. *data.*  
*It requires acquiring knowledge throughout the entire innovation process so that*
  7. *well-informed decisions can be made.*
  8. *It is the introduction of something new, either a new idea, method, or device*  
*Introducing a platform, feature, service, interoperability, system, application,*
  9. *component, or data.*
  10. *Introducing a process, method, model, procedure, formula, recipe, or material.*

## TEST II: TRUE OR FALSE

*Instruction: Determine if each statement below is true or false. Write T whether the statement is true or F if it is false. (10pts)*

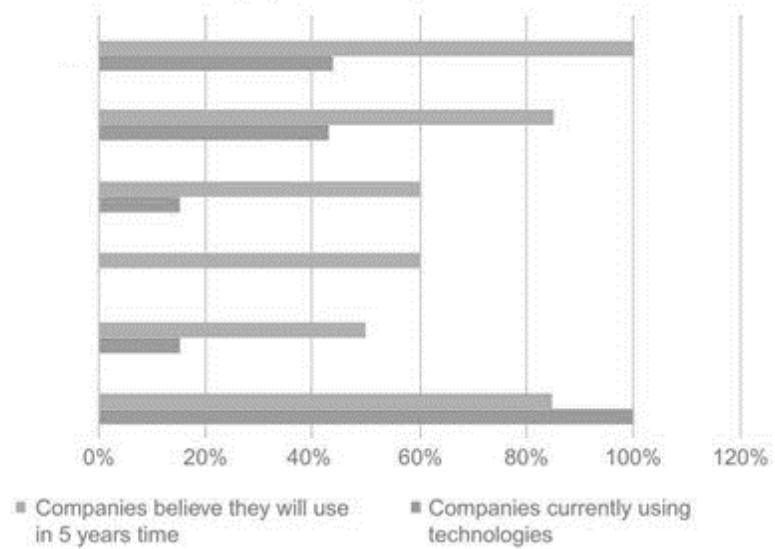
11. Supply chain management builds the partnerships that can support future growth.
  12. Supply chain management lowers the cost of doing business.  
In figure, the technology that scored high with current use, and predicted future use,  
13. was data analytics;  
An effective supply chain management processes minimizes cost, waste of resources  
14. and time in the production cycle of a company.  
A well-managed supply chain can significantly reduce a company's operating  
15. expenses, therefore driving up profits.

### TEST III: ANALYSIS

Instruction: examine the data in column chart thoroughly.

Figure 1. shows the results from companies that completed the questionnaire, and how much of each of the technologies listed above that they use in their day-to-day operation of supply chain within their companies.

Companies currently using technologies for supply chain ad projected use in 5 year time frame



16. Identify the supply-chain technologies based on the percentage of companies they use in their day-to-day operation and will use in the next 5 years.

### TEST IV: SYNTHESIS

Instruction: Discuss briefly and write your answers legibly. Elaborate your answer by citing concrete examples.

17. How do you think these technologies will affect the number of people working in supply chain in your company in 5 years? Will there be more people, the same number, or fewer? Explain. (5pts)
18. How do you think these technologies will affect the costs of operation of the company 5 years from now? (5pts.)
19. What do you think is the future of technology in supply-chain management? (4pts. each)

### TEST V: APPLICATION

20. Design and develop an information system with the following objectives. (10 pts. each)  
Point system based on the given Rubrics.

- ✓ Manage product and supplier's information
- ✓ Manage customer's information and daily sales.
- ✓ Provide product ordering facility
- ✓ Monitor sales daily, weekly, monthly, quarterly and annually
- ✓ View product inventory
- ✓ Provide data visualization of sales and saleable products

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**Course Number/Description:** ELECTIVE 3 – Supply Chain Management

**Term:** Final Term

**Semester:** 1<sup>st</sup> Semester | 2024 - 2025

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#### TABLE OF SPECIFICATIONS

Topics/Content/Chapters	Knowledge	Comprehension	Application	Analysis	Synthesis	Evaluation	No. of Item	Score
<i>Unlocking digital innovation: guiding principles for driving digital technology in the supply chain</i>	5(1,2,3,4,5)	3(11,12,14)			17		9	13
<i>Technology in supply-chain management and logistics: what does the future hold?</i>	5(6,7,8,9,10)	2(13,15)		16	18 19		10	27
<i>Supply chain technology design, development and implementation</i>			20				1	50
<b>Total No. of Items</b>	10	5	1	1	3		20	
<b>Total Score</b>	10	5	50	10	15			90

#### Summary:

	No. of Points
Test I:	10
Test II:	5
Test III:	10
Test IV	15
Test V:	50
<b>Total Score</b>	<b>90</b>

Checked by: \_\_\_\_\_

Date: \_\_\_\_\_