



### IS211 – ENTERPRISE ARCHITECTURE

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: MULTIPLE CHOICE

Instruction: Encircle the letter that corresponds to your best answer. (10pts)

1. Which of the following the first steps/phases in the ADM sequences phases?
  - a. *Implementation governance*
  - b. *Migration planning*
  - c. *Architecture Change Management*
  - d. *Opportunities and solutions*
2. Which of the following is example of architecture principle in the ADM preliminary phase?
  - a. *Open standard and open source system and technology*
  - b. *Minimizing single point of failure in system and technology (redundancy)*
  - c. *Sharing and reuse of system and technology*
  - d. *All of above is correct*
3. The governance framework to maintain enterprise architecture is comprised of the following components. EXCEPT?
  - a. *Software*
  - b. *Tools*
  - c. *Organizational Structure*
  - d. *Metrics*
4. The following are the possible advantages of having an enterprise architecture. EXCEPT?
  - a. *Optimization of the use of organizational liabilities*
  - b. *Can help simplify finance teams*
  - c. *Minimization of employee turnover*
  - d. *Improved decision-making*
5. Which of the following is not example of architecture principle in the ADM preliminary phase?
  - a. *Modularization of system and technology*
  - b. *Acquire new system and technology in the market every year.*
  - c. *All data/information in system and technology is secured and protected.*
  - d. *All business service can be access via web/online.*
6. Which is not component or is not domain of enterprise architecture?
  - a. *Business Architecture*
  - b. *Application Architecture*
  - c. *Information Architecture*
  - d. *Service Oriented Architecture*
7. Which of the following is the primary goal/objectives of enterprise architecture?
  - a. *To make the organization as efficient and effective as possible*
  - b. *To increase business and IT agility*
  - c. *To align business and its strategies*
  - d. *All of the above is correct*
8. Which of the following is best practice framework to develop enterprise architecture?
  - a. *COBIT*
  - b. *TOGAF*
  - c. *ITIL*
  - d. *PRINCE*
9. Which of the following is not TOGAF component?
  - a. *ADM (Architecture Development Method)*
  - b. *Architecture Content Framework*
  - c. *Reference Model*
  - d. *Technology/infrastructure Architecture*
10. How many phases/steps in the ADM?
  - a. 11
  - b. 13
  - c. 12
  - d. 10

## TEST II: IDENTIFICATION

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

It builds upon the business layer and provides specific functionality to support the business objectives.

- \_\_\_\_\_
11. It is the topmost layer of the EA framework. It defines the overall goals and objectives of the enterprise.

12. \_\_\_\_\_
13. It is the collection of processes, templates and tools that are used to create an enterprise architecture.

14. \_\_\_\_\_
15. This domain's architect must determine the hardware and software infrastructure requirements to enhance the resources in the other three domains

16. \_\_\_\_\_
17. This domain helps to describe and document the organization's logical and physical assets and resources.

## TEST III: 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)

\_\_\_\_\_

16. EA leaders need to work on aligning "Business and IT" instead of integrating "Business and IT".

17. \_\_\_\_\_
18. Providing leadership and communication is one of the roles and responsibilities within EA.

19. \_\_\_\_\_
20. One of the advantages of EA can facilitate collaboration with project management.

21. \_\_\_\_\_
22. To implement EA framework, you must integrate the architecture by linking the framework's components together.

23. \_\_\_\_\_
24. To improve the business, you must use the EA framework as a guide for designing enterprise IT systems.

25. \_\_\_\_\_
26. To increase business and IT agility is the primary goal/objectives of enterprise architecture

27. \_\_\_\_\_
28. Modularization of system and technology is the example of architecture principle in the ADM preliminary phase

29. \_\_\_\_\_
30. Application Architecture is a component or is not domain of enterprise architecture

31. \_\_\_\_\_
32. The governance framework to maintain enterprise architecture is comprised of metrics

33. \_\_\_\_\_
34. Minimization of employee turnover is one of the possible advantages of having an enterprise architecture

## TEST IV: SYNTHESIS

Direction: Discuss briefly and write your answers legibly. Elaborate your answer by citing concrete examples. (5pts. each)

26. What is enterprise architecture implementation?

27. Discuss the phases of architecture management.

28. Discuss the benefits of Enterprise Architecture in organizational transformation.

29. What is the importance of implementation of enterprise architecture?

30. Describe your proposed BIS Project Title.

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**Course Number/Description:** IS211 – Enterprise Architecture

**Term:** Final Term

**Semester:** 1<sup>st</sup> Semester | A. Y. 2024 – 2025

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**Date Submitted:** December 09, 2024

**TABLE OF SPECIFICATIONS**

Topics/Content/Chapters	Knowledge	Comprehension	Application	Analysis	Synthesis	Evaluation	No. of Item	Score
<b>Initiating Enterprise Architecture Layers</b>	5(1,3,4,5,15)	4(16,18,21,22)			26 27		11	19
<b>Enterprise Architecture Modelling</b>	5(2,7,9,11,12)	3(17,20,23)			28		9	13
<b>Enterprise Architecture Management, Implementation and Evaluation</b>	5(6,8,10,13,14)	3(19,24,25)			29 30		10	18
<b>Total No. of Items</b>	15	10			5		30	
<b>Total Score</b>	15	10			25			50

**Summary:**

	No. of Points
Test I:	10
Test II:	5
Test III:	10
Test IV:	25
<b>Total Score</b>	<b>50</b>

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

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