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University of Palestine

Final Exam
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Total Grade: 60

Instructor: Dr. Mohammed Awad
Student No.: _____
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Faculty Name: Faculty of Engineering
Department: Software Engineering

Question 1 **(10 marks)**

Define each of the following terms:

- a. SCD
- b. SSMS
- c. SSIS
- d. SSDT
- e. Surrogate key
- f. LOB

Question 2 **(15 marks)**

Show the differences between the following terms:

- a. The difference between **Group** and **sequence**.
- b. The difference between **SCD type1** and **SCD type2**.
- c. The difference between **SQL Server recovery models**.

Question 3 **(5 marks)**

Define data movement planning and compare between two types of data movement.

Question 4 **(10 marks)**

- a) Explain steps of creating data warehouse database in correct order.

Question 5 **(20 marks)**

- a) What the purpose of connection managers is SSIS at design time and run time?
- b) What is a control flow?
- c) What is a data flow?
- d) Explain steps of creating SSIS Packages.

END OF QUESTIONS
Good luck