

# Exam2

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**Due** Aug 5 by 11:59pm      **Points** 50

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Exam 2 covers material from Assignments 6 to 9 ONLY. So, you can take it immediately after reviewing the material for Assignment 9.

It is open from July 17 - Aug 5 (three Saturdays), and must be taken at a WSU approved testing center (or administered by an approved proctor).

Here is a study guide. **I STRONGLY SUGGEST YOU GOOGLE AND DO A LITTLE "RESEARCH" ON EACH ITEM, IF YOU ARE UNFAMILIAR WITH THESE "HINTS".**

## EXAM 2 50 POINTS POSSIBLE

30 QUESTIONS (Multiple Choice and T/F), - 1.66 Points Each

Here are the specific pages to review/study:

### Topic Area: Scripts and Batches

- When to use SET vs. SELECT. What is the difference?
- @@IDENTITY (Scope) - when and how it loses its value.
- Which is NOT True about the EXEC statement?
- WAITFOR Delay vs. Time. What is the difference?

### Topic Area: Stored Procedures

- ALTER PROC. How is it different from CREATE?
- Which is NOT True about Parameters in a SPROC? (If you know about Parameters and their use, you should be able to identify the false statement).
- Which is NOT True about RETURN in a SPROC? (If you know about RETURN in a sproc, you should be able to identify the false statement).
- @@Error (Scope) - specifically, when and how it loses its value
- RAISERROR (manually raising - know all parts of the function)
- System (not user) Stored Procedures. What's the difference between a System (built in) and User SPROC you create?

### Topic Area: User Defined Functions

- What a UDF is and how it's different than a SPROC
- UDF's Returning Scalar (what restrictions - can it return more than one scalar value?)

(Plus 10 Matching Questions: Identify whether it's true of a Stored Proc, UDF, or Both) - know the manjor differences!!

### Topic Area: Triggers

- Which is NOT True about triggers?(If you know about Triggers and their use, you should be able to identify the false statement).

- FOR | AFTER vs. Instead of. What are the major differences?
- Data Integrity. How a trigger can be used to enforce it.
- Columns Updated Function (converting columns to binary number values and evaluating using &&, ||, etc..)

#### Distributed Queries Lecture (From Video)

- Which is NOT True about distributed transactions? (If you know about Distributed Transactions and their use, you should be able to identify the false statement).
- RPC and RPC Out. What exactly are we allowing on local and remote?
- OPENQUERY syntax and use
- OPENROWSET syntax and use

EXAM WILL BE GRADED ON A CURVE. YOU JUST NEED TO OUT PERFORM OTHERS IN CLASS TO GET AN "A".