**MOCK TEST 3**

**Q1. WHICH ONE YOU PREFER? CHAR OR VARCHAR? FOR DESINING TABLES? WHY?**

**CHAR** : PREFERRED FOR STORING FIXED DATA. EX: GENDER, NATIONALITY

**VARCHAR** : PREFERRED FOR STORING SUCH DATA THAT MAY CHANGE OVER TIME.

**Q2. WHAT IS THE DIFFERENCE BETWEEN A BATCH AND A GO STATEMENT?**

A **BATCH** IS A COLLECTION OF SQL STATEMENTS

**GO** IS A SEPARATOR FOR MULTIPLE BATCHES. FOR EASY READIBILITY OF SQL STATEMENETS.

**NUMBER OF BATCHES = NUMBER OF “GO” + 1**

**Q3. IN WHICH SCENARIOS YOU USE "AS" KEYWORD IN SQL SERVER?**

FOR ALIASING THE COLUMN NAMES / TABLE NAMES

**Q4. ONCE YOU START THE SERVER, WHICH OF THE SYSTEM DATABASES IS LOADED FIRST?**

MASTER DATABASE

**Q5. HOW TO CHECK FOR QUERY EXECUTION PLAN ?**

FROM SSMS TOOL > SELECT QUERY -> RIGHT CLICK -> 'INCLUDE LIVE STATISTICS'

**Q6. WHICH SYSTEM DATABASE IS A TEMPLATE FOR NEW DATABASES?**

MODEL DATABASE

**Q7. WHAT ARE THE DIFFERENT DDL COMMANDS YOU ARE AWARE OF?**

CREATE, ALTER, DROP, TRUNCATE

**Q8. COMPILATION IS A PROCESS OF \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

CONVERTING FROM HIGH LEVEL SQL CODE TO MACHINE LEVEL CODE

**Q9. HOW DO YOU COMPARE A SET OF TWO GIVEN QUERIES FOR THEIR EXECUTION TIME?**

CLIENT STATISTICS

**Q10. WHAT DO YOU MEAN BY TABLE SCAN?**

ORDER OF INSERTION = ORDER OF STORAGE = ORDER OF RETREIVAL

TO VERIFY: IN SSMS > RIGHT CLICK -> CLICK ON "INCLUDE LIVE QUERY STATISTICS