

DATABASE ADMINISTRATION AND SECURITY

ASSIGNMENT ONE

INSTRUCTIONS

- I. Each Group to constitute **NOT MORE THAN Five (5)** members, nominating a Team Leader*
- II. Team Leader to co-ordinate the group exercise but all group members must be tasked. A task list indicating tasks done by each member to be attached with your print out*
- III. Note only **ONE** printed copy per group indicate all the team members in the pdf document*
- IV. Ensure that your group document is **well formatted** as per skills gained in office automation*

1. Compare and Contrast (tabulated) the following databases (SYSBASE, ORACLE & MS SQL Server) in terms of
 - i. Brief History of each highlighting versions
 - ii. Unique Features
 - iii. User Interfaces involved
 - iv. Programming LanguagesSupported
 - v. Operating Systems Supported
 - vi. Product Licensing(22 Marks)
2. Briefly explain the top TEN (10) most common database security vulnerabilities (12 Marks)
3. Enumerate any THREE (3) current Backup tools or software for each MySQL, ORACLE & MS SQL Server (12 Marks)
4. List any Five (5) NoSql databases in the market today. (12 Marks)
5. Briefly explain the general key features of the NoSql databases (12 Marks)

NB : DEADLINE FOR ASSIGNMENT IS TUESDAY 18th APRIL 2023 CLASS TIMES CT/CN 11AM AND IT 1 PM