

Q.1 Oracle 21c XE.

Q.2 -Disk space: 8.5 gigabytes minimum for Oracle software, plus 2 gigabytes or more for temporary storage.

-RAM: 2 gigabytes RAM minimum.

Q.3

Windows edition

Windows 10 Pro

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System

Processor: Intel(R) Core(TM) i5-7300U CPU @ 2.60GHz 2.71 GHz

Installed memory (RAM): 8.00 GB (7.84 GB usable)

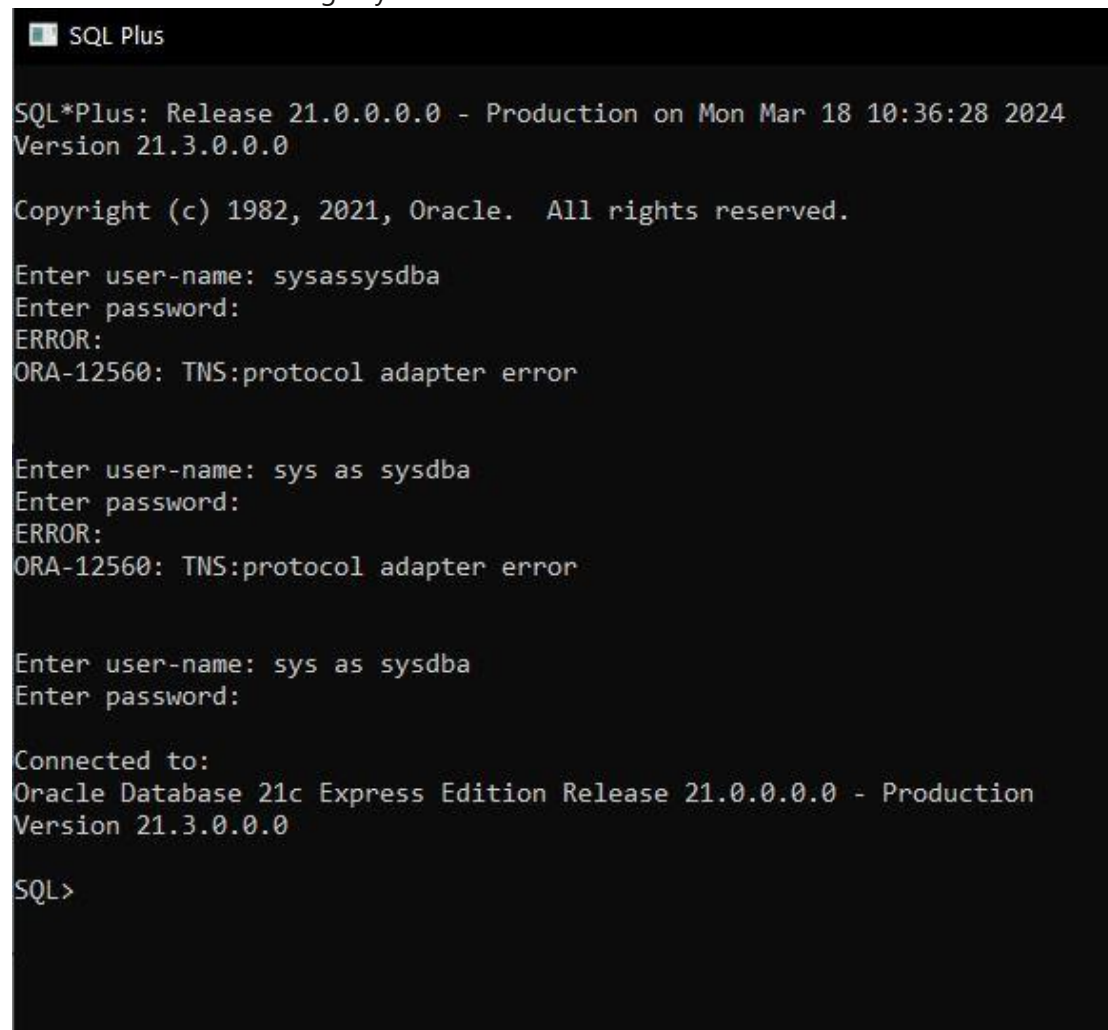
System type: 64-bit Operating System, x64-based processor

Pen and Touch: No Pen or Touch Input is available for this Display

Q.4 You can install 1 copy of Oracle XE per logical environment.

Q.5 Oracle Database XE has a limit on user data storage of 12 GB. If this limit is exceeded, the database will no longer accept new data and will restrict access to existing data until the amount of stored user data is reduced below the limit.

Q.6 You login by providing your credentials in the SQL*PLUS interface. Also, making sure the oracle database is running in your window's services.

A screenshot of a terminal window titled "SQL Plus". The text inside shows the SQL*Plus release information: "SQL*Plus: Release 21.0.0.0.0 - Production on Mon Mar 18 10:36:28 2024 Version 21.3.0.0.0". It then displays the copyright notice: "Copyright (c) 1982, 2021, Oracle. All rights reserved." The first login attempt uses "sysasssysdba" as the user-name, resulting in an "ORA-12560: TNS:protocol adapter error". The second and third attempts use "sys as sysdba" as the user-name, also resulting in the same error. The fourth attempt is successful, showing "Connected to: Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production Version 21.3.0.0.0". The prompt "SQL>" is visible at the bottom.

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SQL Plus

SQL*Plus: Release 21.0.0.0.0 - Production on Mon Mar 18 10:36:28 2024
Version 21.3.0.0.0

Copyright (c) 1982, 2021, Oracle. All rights reserved.

Enter user-name: sysasssysdba
Enter password:
ERROR:
ORA-12560: TNS:protocol adapter error

Enter user-name: sys as sysdba
Enter password:
ERROR:
ORA-12560: TNS:protocol adapter error

Enter user-name: sys as sysdba
Enter password:

Connected to:
Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL>
```

Q.7 ALTER PLUGGABLE DATABASE ALL OPEN;

Q.8 It's a feature introduced in Oracle Database 12c that allows you to create multiple databases within a single Oracle instance. Each pluggable database operates as a self-contained entity with its own set of data files, system and user tablespaces, and administrative users.

Q.9

```

SQL Plus
SQL> ALTER PLUGGABLE DATABASE ALL OPEN;

Pluggable database altered.

SQL> ALTER PLUGGABLE DATABASE ALL SAVE STATE;

Pluggable database altered.

SQL> CONNECT sys/admin@localhost:1521/XEPDB1 as sysdba;
Connected.
SQL> create user John identified by userjohn default tablespace users quota unlimited on users;

User created.

SQL> grant create session, create table to John;

Grant succeeded.

SQL> connect John/userjohn@localhost:1521/xepdb1;
Connected.
SQL>

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Q.10

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SQL Plus
SQL> Select * from Books;

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