**Section 3**

**The correct answer is in bold format.**

1. **What should you do after installing JDK on Windows?**  
     
   a) **Set the JAVA\_HOME environment variable to point to the JDK installation folder.**  
   b) Restart your computer immediately.  
   c) Delete the installer file.
2. **Which command is used to verify that the JDK has been installed correctly?**  
     
   a) java --check  
   b) verify-java  
   c) **java –version**

**3. Which step is necessary to ensure the JDK is recognized by the system after installation?**  
  
a) Restart the computer.  
b) **Set the PATH environment variable to include the JDK installation folder.**

c) Download an additional Java configuration tool.

1. **What should you do if you see an error message when running java –version?**  
   a) Reinstall Windows.  
   b) **Ensure that the JDK installation path is correctly set in the PATH environment variable.**  
   c) Download a different version of JDK.
2. **What is the first step to take before downloading JDK 17 LTS on CentOS Linux?**  
   a) Check if PuTTY is installed.  
   b) Restart the system.   
   c) **Run the "sudo yum update" command to update the package manager's database.**
3. **Which command is used to check if JDK is already installed on the system?**  
   a) java --check  
   b) **java -version**  
   c) verify-java
4. **What tool is mentioned as an option for connecting to a Linux system from Windows?**  
   a) **PuTTY**   
   b) Eclipse  
   c) Visual Studio Code
5. **What is JShell?**  
   a) A tool used to compile Java programs into machine code.  
   b) **A command-line tool in Java that allows you to execute Java code snippets interactively.**  
   c) A third-party library for running Java applications.
6. **Which JShell command is used to list code snippets entered during a session?**  
   a) /history  
   b) /view  
   c) **/list**
7. **What is a limitation of JShell?**  
   a) It cannot execute Java code interactively.  
   b) **It is not suitable for larger or more complex projects and does not replace the need for an IDE.**  
   c) It supports third-party libraries by default.