Here are 10 multiple-choice questions about the Java while loop, compiled from various sources.

| Question | Answer Options |
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| **1. What is the key difference between a**while**loop and a**do-while**loop?** | A) The syntax used to define the loop B) The number of iterations performed **C) The condition check timing** D) The ability to use the break statement |
| **2. Which loop construct guarantees that the loop body is executed at least once?** | A) for loop B) while loop **C)**do-while**loop** D) continue statement |
| **3. What is the output of this code?** int i = 1; while (i <= 5) { System.out.println("Hello"); } | A) 5 times B) 6 times **C) Infinite times** D) Compilation Error |
| **4. What is the output of this code?** int a=1; while(a<4) { System.out.print(a + " "); a++; } | A) 1 2 3 4 **B) 1 2 3** C) 6 D) Compiler error |
| **5. What does the**break**statement do inside a loop?** | **A) Exit the loop immediately** B) Skip the current iteration and move to the next C) Terminate the program D) Execute a specific block of code |
| **6. What does the**continue**statement do inside a loop?** | A) To exit the loop immediately **B) To skip the current iteration and move to the next iteration** C) To terminate the program D) To execute a specific block of code |
| **7. What is the output of this code?** int cnt=0; while(true) { if(cnt > 4) break; if(cnt==0) { cnt++; continue; } System.out.print(cnt + ","); cnt++; } | A) 0,1,2,3,4, **B) 1,2,3,4,** C) 1,2,3,4 D) Compiler error |
| **8. What is a loop that never terminates naturally called?** | A) A loop that executes only once **B) A loop that never terminates naturally** C) A loop that contains an unreachable code block D) A loop that uses the continue statement |
| **9. Which of the following creates a never-ending loop?** | A) while(true); B) for(;true;); C) do { ; } while(true); **D) All** |
| **10. What is the value of "age" after this loop?** int age=20; do { age++; } while(age<20); System.out.println(age); |  |