1. Two algorithms that have the same stop condition.
2. Two programs that produce the same output.

3. A non-terminating program.
4. Two programs that do the same number of iterations.
5. A program that does only one iteration.

6. AND gate
7. NAND gate
8. NOR gate
9. XOR gate

Notes about algorithms questions:
1. They were originally taken from the quiz for demonstration purpose only.
2. They are not marked anyway as the exam total mark is 15.
3. There was a mistake in the given options.
4. The mistake is corrected in this model answer.

Solution Steps:
1. (red): Study the given options/questions and take notes.
2. (blue): Write the suitable option in front of every question.
3. (green): Mark the selected options in the answer sheet.

Identify:

From the following options:
A) Count ← 1; Not an algorithm
   while (Count ≠ 10) do {
      print Count;
      Count ← Count + 2;
   } Count = 10 | 5 | 0 2 4 6 8

B) Count ← 0;
   while (Count ≠ 10) do {
      print Count;
      Count ← Count + 2;
   } Count = 10 | 5 | 0 2 4 6 8

C) Count ← 10;
   while (Count ≥ 0) do {
      Count ← Count - 2;
   } Count = 0 | 6 | 10

D) Count ← 10;
   repeat { Count > 0 | 1 | 10
      print Count;
      Count ← Count - 2;
   } until (Count > 0)

E) Count ← 0;
   repeat { Count = 10 | 5 | 0 2 4 6 8
      print Count;
      Count ← Count + 2;
      print Count;
   } until (Count = 10)

From the following options:
A) 0
B) 3
C) 4
D) 5
E) 6