Q1. Which of the following results in the most test requirements?

A All Combinations Coverage

B Each Choice Coverage

C Pair-Wise Coverage

D Base Choice Coverage

Q2. The following is a partition of the floating point variable `f`:

e_1: `f < 1`

e_2: `f = 0`

e_3: `f > 1`

This was supposed to have read `f < -1`, which would have meant C was the correct answer only – as f is floating point there is nothing covering between `0..1` and `0..-1`

Which of the following statements is false?

A There are three equivalence classes

B The partition is disjoint

C The partition is complete

D The partition is based on one characteristic of `f`

Q3. A method called `isLineCoveredByRectangle` takes 12 integers – 4 representing the 2 sets of coordinates of the end points of a line, and another 8 representing the 4 sets of coordinates of the corners of a rectangle.

Which of the following statements is **false**?

The input domain of the method is …

A The domain of an integer to the power of twelve

B Twelve integer variables

C A line and a rectangle

D Neither A, B, nor C

Q4. The following is a partition of the integer variable `i`:

e_1: $i \leq 1$

e_2: $i \geq 1 \wedge i < 10$

e_3: $i > 10$

This was supposed to have read `i < 1` meaning that **B** would not have been a correct answer!

This was supposed to have read `i` not `f`, which would have meant it did not count as a correct answer!

Which of the following statements is false?

A There are three equivalence classes

B The partition is disjoint

C The partition is complete

D The partition is based on one characteristic of `f`

Q5. Given the program statement "`if (x >= 10)`", what of the following are the boundary values for the branching predicate?

A 9, 10 and 11

B 9 and 10 only

C 10 and 11 only

D 9 and 11 only