Assignment 6

Now consider the following two rules:

1. No man crosses the river that he has entered.
2. No man leaves the river that he has entered.

Now consider the following two routes:

1. Route A: 1 - 2 - 3 - 4
2. Route B: 1 - 2 - 4

Which of these two routes are valid? Explain your answer.

Consider the following two routes:

1. Route C: 1 - 2 - 3 - 5
2. Route D: 1 - 2 - 5

Which of these two routes are valid? Explain your answer.

Consider the following two routes:

1. Route E: 1 - 2 - 4 - 3
2. Route F: 1 - 2 - 3 - 4

Which of these two routes are valid? Explain your answer.

Consider the following two routes:

1. Route G: 1 - 2 - 3 - 5
2. Route H: 1 - 2 - 5

Which of these two routes are valid? Explain your answer.

Consider the following two routes:

1. Route I: 1 - 2 - 3 - 4
2. Route J: 1 - 2 - 4

Which of these two routes are valid? Explain your answer.

Consider the following two routes:

1. Route K: 1 - 2 - 3 - 5
2. Route L: 1 - 2 - 5

Which of these two routes are valid? Explain your answer.

Consider the following two routes:

1. Route M: 1 - 2 - 3 - 4
2. Route N: 1 - 2 - 4

Which of these two routes are valid? Explain your answer.

Consider the following two routes:

1. Route O: 1 - 2 - 3 - 5
2. Route P: 1 - 2 - 5

Which of these two routes are valid? Explain your answer.

Consider the following two routes:

1. Route Q: 1 - 2 - 3 - 4
2. Route R: 1 - 2 - 4

Which of these two routes are valid? Explain your answer.

Consider the following two routes:

1. Route S: 1 - 2 - 3 - 5
2. Route T: 1 - 2 - 5

Which of these two routes are valid? Explain your answer.

Consider the following two routes:

1. Route U: 1 - 2 - 3 - 4
2. Route V: 1 - 2 - 4

Which of these two routes are valid? Explain your answer.