Functions_Relations A 03/01/2012

Student Name:	
Class:	
Date:	
Instructions:	Read each question carefully and select the correct answer.

1. Which of the following points, if removed from the set, would make the set a function?

((1, 15), (-3, 14), (12, 0), (9, 0), (14, -3), (0, 4), (14, 1), (5, 5))

- **A.** (-3, 14)
- **B.** (14, 1)
- **C.** (9, 0)
- **D.** (5, 5)

2. Which of the following relations is **not** a function?

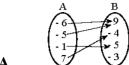
- **A.** {(-2, -3), (5, -7), (4, 7), (-8, 2), (7, 4)}
- **B.** {(-2, -3), (5, -7), (4, 7), (-8, 2), (5, 3)}
- **C.** {(-2, -3), (5, -7), (4, 7), (-8, 2), (1, -3)}
- **D.** {(-2, -3), (5, -7), (4, 7), (-8, 2), (8, 8)}

3. Which of the following points, if removed from the set, would make the set a function?

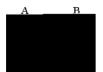
1960.001 (1982-20.00.001) (1973-1984-1976) (1975-1976-1976)

- **A.** (-2, -7)
- **B.** (0, 2)
- **C.** (3, 1)
- **D.** (9, -9)

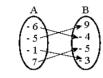
4. Which of the following relations, mapping region A to region B, is NOT a function?



A



B.



C.



D.