

Quiz 1A

Name:

UAlbany Email:

Closed book/notes. No calculators allowed. Circle **one** choice for each multiple choice question below. No explanation is required to be shown and no partial credit will be given.

1. (3 Points) The domain of $S(x) = \sqrt{x-3}$ is

(A) $(-\infty, 3)$

(D) $[3, \infty)$

(B) $(3, \infty)$

(E) None of the above.

(C) $(-\infty, 3]$

2. (3 Points) The domain of $R(x) = \frac{1}{x^2 - 2x - 3}$ is

(A) $(-\infty, -1) \cup (3, \infty)$

(D) $(3, \infty)$

(B) $(-1, 3)$

(E) $(-1, \infty)$

(C) $(-\infty, -1) \cup (-1, 3) \cup (3, \infty)$

(F) None of the above.

3. (4 Points) The domain of $G(x) = \frac{\sqrt{x-3}}{x^2 - 2x - 3}$ is

(A) $(-\infty, -1) \cup (3, \infty)$

(D) $[3, \infty)$

(B) $(-1, 3)$

(E) $(-1, \infty)$

(C) $(-\infty, 3]$

(F) None of the above.

Grade: /10