

Instructor: Dr. Rola Alseidi	Philadelphia University (P. U) Faculty/College of Science Department of Mathematics Quiz 1	Academic Year: 2022/2023. Semester: First. Date: 26/3/2023. Course Title: Calculus (1) Duration of Quiz: 15 minutes.
<b>Name:</b>		
<b>Student No. :</b>		<b>Section:</b>

- The exam consists of **1 pages**. Make sure you have all of them.

1. (4 points) Find the domain of the following functions

- $g(x) = \sqrt{2x + 3} + \frac{1}{\sqrt{2-x}}$

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2. (6 points) If  $f(x) = \frac{1}{x+2}$ , find

- $(f \circ f)(0)$

- $(f \circ f)(x)$

- Domain  $f \circ f(x)$