National University

of Computer & Emerging Sciences

Applied Physics (NS-1001) **Quiz # 4** **Fall 2025**

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Name: **Roll #:**

Section: BCS-BA **CLO2** **Date: 03-11-2025**

Q.1: Figure shows a position versus time graph for a particle in SHM. What are (a) the amplitude A, (b) the angular frequency ω, and (c) the phase constant ϕ_o? Explain. **(3+3+4)**

Solution: