

University of Asia Pacific
Department of CSE
CSE 313 (Sec - A), CT - 1, Fall 2021

1. What is relative true error? Briefly explain with an example. 5
2. Apply backward divided difference approximation (BDD) to find the numerical value of $\frac{d}{dt}(e^{0.5t})$ at $t=4.5$ using a step size of 2.5. 5