

University of Asia Pacific
Department of CSE
CSE 313 (Sec - A), CT - 1, Fall 2020

1. What is truncation error? Briefly explain with an example. 5
2. Apply backward divided difference approximation (BDD) to find the numerical value of $\frac{d}{dx}(e^{0.5x})$ at $x=2.5$ using a step size of 1.5. 5