

**University of Asia Pacific**  
**Department of CSE**  
CSE 313 (Sec - A), CT - 2, Fall 2020  
Duration: 20 minutes + extra 5 minutes for uploading

1. What is the second iterative value of the root of  $x^2 + 2x - 4 = 0$  using the Newton-Raphson method, if the initial guess is ☺?

**Note:** Please replace the smile symbol (i.e. ☺) with the multiplication of your roll number (e.g. xxxxxx**51**) and **0.2** (i.e.  $51 \times 0.2$ ). 6

2. What are the drawbacks of Bisection method?

4