

Name:  
Class Test 5

Student ID:



*United International University (UIU)*

Fall Trimester: 2020; Course Code: IPE 401; Course Title: Industrial Management

Full Marks: 20

Date: 19/01/2021

Time: 20 minutes

CSE-SECTION (B)

1 Solve by using Simplex method,

Maximize,  $Z = 5v + 6k$

subject to

$2v + k \leq 4$

$v + 2k \leq 4$

and  $v, k \geq 0$

(20)