

## University of Asia Pacific

Department of Computer Science and Engineering CSE 103: Structured Programming Language Class Test 03, Spring 2018, Section: C

Total Marks: 20, Time: 25 minutes

e: ID:	
Given a 5 element stack S (from top to bottom: 2, 4, 6, 8, 10), and an empty queue Q, remove the element one-by-one from S and insert them into Q, then remove them one-by-one from Q and re-insert them S. S now looks like (from top to bottom).	
Distinguish few differences between stack and queue with examples and applications of both of these structures.	data [5]
	Given a 5 element stack S (from top to bottom: 2, 4, 6, 8, 10), and an empty queue Q, remove the elemone-by-one from S and insert them into Q, then remove them one-by-one from Q and re-insert them S. S now looks like (from top to bottom).  Distinguish few differences between stack and queue with examples and applications of both of these

- 3. Write a program to store and print the roll number, name, age, address and marks of 5 students using structure.
  - (b) Scan inputs and store correctly in structure.

[5] [4]

[3]

(c) Print all the information correctly.

(a) Declare the structure.