

EXAMINATIONS – 2019
TRIMESTER 1

COMP 261
ALGORITHMS
and
DATA STRUCTURES

Time Allowed: TWO HOURS

CLOSED BOOK

Permitted materials: Only silent non-programmable calculators or silent programmable calculators with their memories cleared are permitted in this examination.
Non-electronic foreign language to English dictionaries are permitted.

Instructions: Attempt ALL Questions.

Answer in the appropriate boxes if possible — if you write your answer elsewhere, make it clear where your answer can be found.

The examination will be marked out of 120 marks.

Alphabetic order: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Questions	Marks
1. Path Finding	[10]
2. Articulation Points	[20]
3. 3D Graphics	[10]
4. Grammars and Parsing	[30]
5. String Search	[16]
6. Text Compression	[18]
7. Using Predictions	[16]