

Department of Computer Science and Software Engineering

MID-SEMESTER TEST, 2020

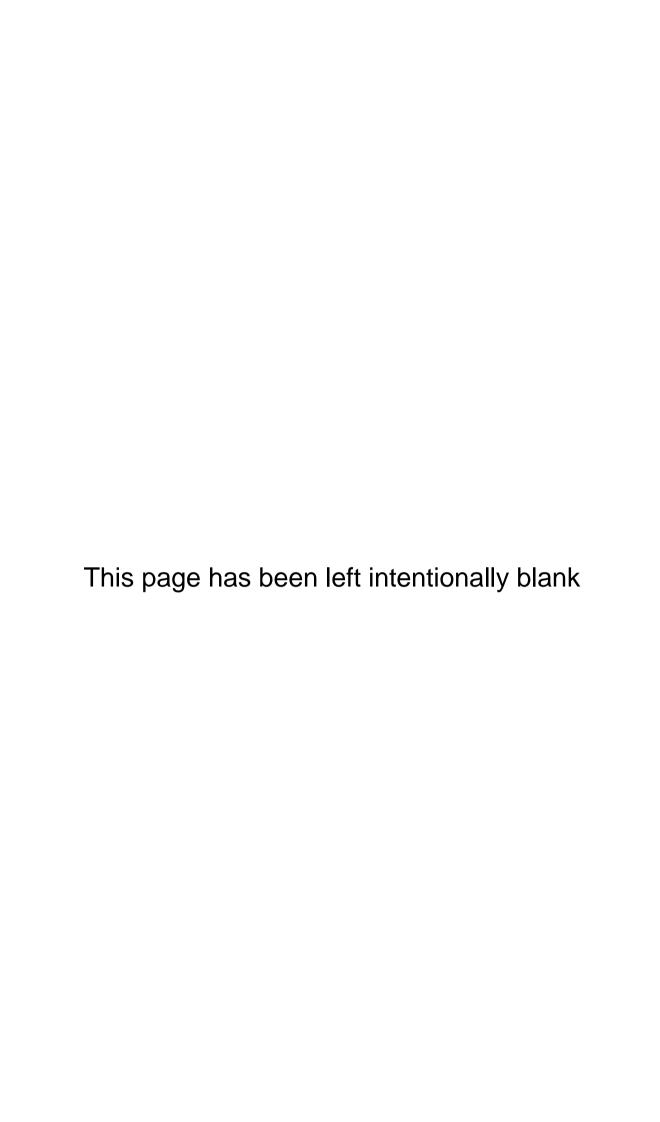
CITS3003 Graphics and Animation

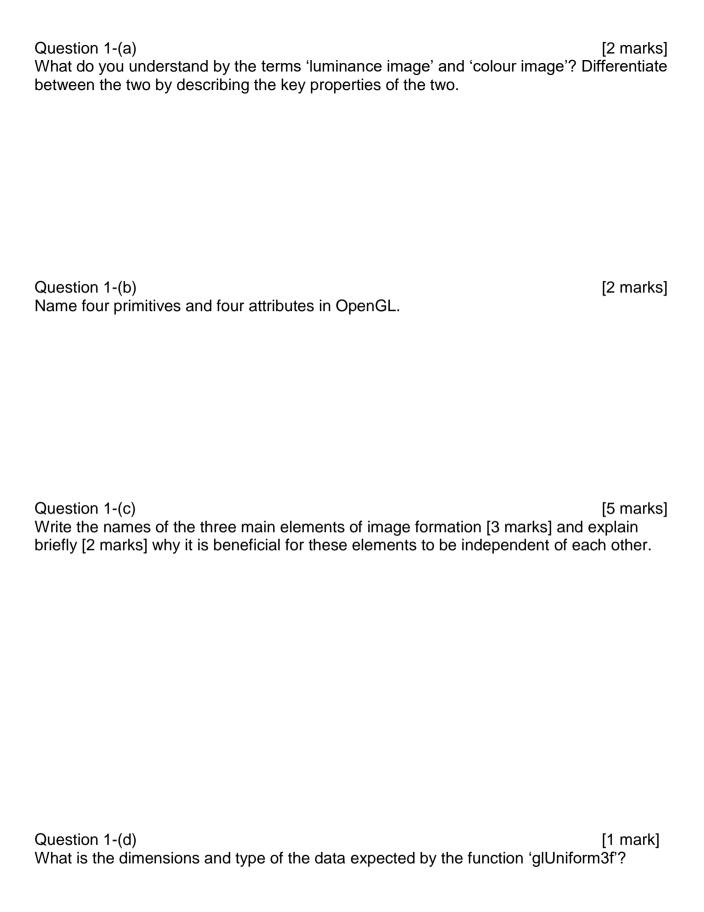
FAMILY NAME: GIV	'EN NAMES:
STUDENT ID: SIGNATURE	· · · ·
This is not a graded test. Due to online teaching mode, this test will not contribute to your final grade. It is provided for your self-assessment only. No submission is required. The pattern and format is kept consistent with the exams of previous years, only for the usual experience. You may choose to ignore the NOTE below. The sample solution will be uploaded soon. You may like to mark your answers for self-assessment in the light of the sample solution.	
INSTRUCTIONS:	
Write your names and student numbers on this page.	
There are 3 questions in total. Question 1 and 3 have subparts. Each question, including any subparts, carries 10 marks. Answer all questions. Write your answers on this sheet in the space provided after each question.	
Calculators, notes and books are not allowed.	
Total marks are 30.	

PLEASE NOTE

Examination candidates may only bring authorised materials into the examination room. If a supervisor finds, during the examination, that you have unauthorised material, in whatever form, in the vicinity of your desk or on your person, whether in the examination room or the toilets or en route to/from the toilets, the matter will be reported to the head of school and disciplinary action will normally be taken against you. This action may result in your being deprived of any credit for this examination or even, in some cases, for the whole unit. This will apply regardless of whether the material has been used at the time it is found.

Therefore, any candidate who has brought any unauthorised material whatsoever into the examination room should declare it to the supervisor immediately. Candidates who are uncertain whether any material is authorised should ask the supervisor for clarification.





Question 2. [10 marks]

Draw a diagram [2 marks] showing the four main blocks of the OpenGL pipeline architecture. Briefly explain the functionality of each block [2 marks each].

