Test 1

- In class, on Thursday week 7, April 19th, starting 12.05 PM
- All material taught from weeks 1-6 are assessable
- Format
  - About an hour long
  - Will consist of MCQ, short answer questions and long answer questions
  - CLOSED BOOK, CLOSED NOTES, CLOSED COMPUTERS- this means no access to books, notes, computers and computer network, cell phones and phone network
  - Bring only pens, pencils
  - Paper will be supplied, on which to write your answers

Question Types

1. Multiple Choice Questions
- Choose an answer out of provided choices
- 1 mark for correct answer, 0 for incorrect
- Sample:

Which of the following statements on human vision are CORRECT:

a) human vision is provided by light-sensitive receptors called rods and cones

b) rods and cones operate day and night to provide colour vision

c) rods and cones are equally distributed on the retina

d) both luminance and chrominance are equally informative

ANS: a

Question Types

2. Short answer questions

Sample:

Suppose we have two 3-D cubes on the ground facing the viewer, one near and one far.

- what would they look like in perspective?

- what would they look like in weak perspective?

Question Types

3. Descriptive answer questions

Sample:

Explain in words how the connected component algorithm works.

Question Type

4. Computational answer questions

Sample:

Write down a filter that returns a positive value if the average value of 4-adjacent neighbours is greater than n, and a negative value otherwise.