## UNIVERSITY OF EDINBURGH

# FACULTY OF SCIENCE

## ARTIFICIAL INTELLIGENCE 4

Date: 2 June 1989

Time: 2.00 - 3.30

Examiners:

Chairman

- J.A.M. Howe

External

- A.G. Cohn

## COGNITIVE PSYCHOLOGY

### INSTRUCTIONS TO CANDIDATES

- 1. Answer TWO questions
- 2. Each question is marked out of 100%. The marks at the side of the questions show how these are apportioned.
- 3. If more than two questions are attempted, candidates should cross out the answer which is NOT to be marked. Otherwise, the examiners will mark only the first two answers which appear in the script.

(b) Why is automatic speech recognition so difficult when speech recognition is so quick and automatic for human listeners?

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Is the meaning of a word selected or generated? Support your answer with specific examples.

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