Human Communication 1 2010/11: Topics for Revision

The format of the exam will be the same as in previous years, that is: answer 3 of 6 questions in 2 hours, with each question having a number of parts.

Note that the lecture numbers given here correspond with the numbers on lectures on the course syllabus and slides page: this is in some cases not the order they were given in (and occasionally the number on the title page of the slides themselves is different).

1. The following topics were taught this year and have been taught in years before 2009-10, therefore exam questions from earlier years are still largely relevant:
Lecture 2: Two analogies for Communication.... Phatic versus Ideational Communication Also Levels of representation in language: a simple model of language use
Lecture 3: Historical Setting for Cognitive Science
Lecture 3: The Turing test and the Loebner prize (also in tutorial 2, assignment 1)
Lecture 4: Simple Grammars
Lecture 5: Grammar Based Models
Lecture 6: More on grammar based models – may not have been in exactly same form in previous exams
Lecture 8: Word classes and simple English grammar
Lecture 13: Methods for studying communication phenomena - Problems of Interpretation
Lecture 16: Ambiguity (with brief mention of Discourse Representation Theory)
Lecture 17: Turing Machine, Finite State Machines and Representation
Lecture 20: Dialogue and Indirect Speech Acts
Lecture 23: Grice and Discourse
Lecture 24: Interpreting in Uncertainty, Tversky
Lecture 25: Graphical Communication

2. These topics were taught previously, but not this year, so will not be in the current exam.
Discourse Representation Structures – previously covered in detail
Shannon and Weaver's model of communication
Presuppositions
Searle's critique

3. These topics or examples were new in 2009/10 – they are all possibilities for inclusion in the exam, and may be included in the most recent past paper.
Lecture 1: Humour, with example of STANDUP joke generation (also Lecture 2 and tutorial 1)
Lecture 3: example of ARTCHECK Lecture 3: Imitating Communication, example of Eliza
Lecture 4: examples of insults and poems
Lecture 8: example of calculator grammar (though general grammars in previous exams)
Lecture 9: Statistical Language models (also tutorial 3)
Lecture 10, 11 and 12, tutorial 4 and assignment 2: Language Acquisition and Communication Disorders
Lecture 14: Methods for studying communication phenomena
Lecture 15: Tools for Analysing Data, Evaluation of Standup
Lecture 19: Experimental Design
Lecture 18: Propaganda and Advertisement (also tutorial 6)
Lecture 21 and 22: Annotation of Speech Data (also tutorial 7 and assignment 3)
Lecture 26: Non-verbal Communication (also tutorial 8)
Lecture 27: Social Communication