

DEERWALK INSTITUTE OF TECHNOLOGY			
FINAL EXAMINATION		SUBJECT	CSC-255:Introduction to Cognitive Science
PASS MARK	24	FULL MARK	60
TIME	3 Hrs	DATE	21 st November,2013.

INSTRUCTIONS

- Do not write anything on the question paper.
 - Please write your name, roll number and other details very clearly on the front page of the answer sheet.
 - If you are using multiple answer sheets, ensure that they are safely stapled together.
 - Any attempt to cheat in any manner will result in automatic expulsion..
 - If you need any kind of help please raise your hand.
- Good luck and all the best.

Attempt ALL questions [$10 \times 6 = 60$]

1. What is cognitive science? What are the applications of cognitive science?
2. Explain about Turing response to Descartes with suitable example.
3. Describe about Marr's three level of information processing with suitable example.
4. What is expert system? Explain it with its block diagram.
5. Which one is better, depth first search or breadth first search, Explain?
6. Explain the Chomsky hierarchy of grammar with examples.
7. Explain about physical symbol system hypothesis with examples.
8. Describe about Hebbian Learning with example.
9. Explain about backpropgataion with suitable example.
10. Differentiate between natural language understanding and natural language generating Describe about challenges in NLP.