

LAGOS CITY POLYTECHNIC, IKEJA
SCHOOL OF ENGINEERING AND APPLIED SCIENCE

DEPARTMENT OF COMPUTER SCIENCE

2015/2016 SEMESTER EXAMINATION

COURSE	TITLE:	INTRO.	TO	ARTIFICIAL	INT
		& EXPERT SYSTEMS		NO OF QUESTIONS : 6	
COURSE CODE:	COM 423			TIME ALLOWED: 2 HRS	
FOR WHOM:	HND	II	CS	FT	INSTRUCTIONS:
ANSWER			ANY		FOUR

QUESTIONS

1. (a) Explain the two programs that have done quite well according to Turnings standard.
 (b) Explain the programs which fall into the expert system category.

2. Explain the following terms:
 (a) Node
 (b) Terminal node space
 (c) Search space
 (d) Goal
 (e) Heuristic

3. Explain the following terms:
 (a) Prospector
 (b) Eliza
 (c) Expert System0
 (d) Search space

4. Explain the following search techniques.
 (a) Hill-Climbing
 (b) Least-Cost
 (c) Deduction and Proving
 (d) Natural Language Processing

5. Explain the following terms:
 (a) Automatic Programming
 (b) Natrual Language Processing
 (c) Knowledge Representation

6. (a) Explain Restricting Language with an example
 (b) Explain the state machine parser
 (c) Explain Natural Language Processing

