Inteligencia Artificial
2017-II
Examen Parcial
2017-10-21
Tiempo Límite: 180 Minutos

Nombre:	

Profesor: Mg. Diego Benavides

This exam contains 4 pages (including this cover page) and 11 questions. Total of points is 104.

Tabla de puntaje (uso del profesor)

Question	Points	Score
1	2	
2	20	
3	2	
4	2	
5	3	
6	3	
7	2	
8	10	
9	20	
10	20	
11	20	
Total:	104	

- 1. (2 points) ¿Cuál es la diferencia entre el aprendizaje humano y el aprendizaje de máquina? Explique con sus palabras los límite de la inteligencia artificial.
- 2. (20 points) Consider the function  $f(x) = 3x^3 + 2x^2 + x + 1$ .
  - (a) (10 points) Calculate f'(x).
  - (b) (10 points) Calculate f''(x).
- 3. (2 points) One of these things is not like the others; one of these things is not the same. Which one is different?
  - A. John
  - B. Paul

C. GeorgeD. Ringo

	E. Socrates				
4.	(2 points) One of these things is not l Which one is different? A. John	ike the ot B. Paul	hers; one of t C. George	_	s not the same. E. Socrates
5.	(3 points) Mark box if true.				
	$\bigcirc 2+2=4$				
	$\bigcirc \frac{d}{dx}(x^2+1) = 2x+1$				
	The Moon is made of cheese	е.			
6.	(3 points) Mark box if true.				
	□ 2+2=4				
	$ \Box \frac{d}{dx}(x^2+1) = 2x+1 $				
	☐ The Moon is made of cheese	е.			
7.	(2 points) Element with $Z = 92$ is:				
	1) H		5) Ba		
	2) O		6) Pb		
	3) F		7) U		
	4) S		8) Pu		
8.	(10 points) In no more than one para	ıgraph, ex	plain why th	e earth is ro	und.
9.	(20 points) Explain blah, blah				

(20 point	s) Explain bla	an, oran		

11.	(20 points) Explain blah, blah