NAME	:
STUDE	ENT ID:
	tions: This is an open-book, open-note and open-internet exam. You must answer the questions in your own words. Your answers should be brief, concise and readable.
1.	(8 pts) Explain how you would use Generative Adversarial Networks (GAN) to generate cat images.
2.	(5 pts) List FIVE applications of GANs.
3.	(8 pts) Say you are to use Reinforcement Learning to train a model for self-driving cars. How would you define the following component:a. Objective
	b. State c. Action
	d. Reward

4. (5 pts) List **FIVE** applications of reinforcement learning.

5. (5 pts) Rate yourself from 1 (strongly disagree) to 5 (strongly agree).

After I've completed this course,

- a. _____ I have a better understanding of deep learning techniques.
- b. _____ I have a better understanding of machine learning in general.
- c. _____ I am ready to take on real-world problems using deep learning techniques.
- d. _____ I feel comfortable reading research papers that use deep learning.
- e. _____ I am more interested in machine learning.

6. (5 pts) Any suggestion to improve this course in the future terms.