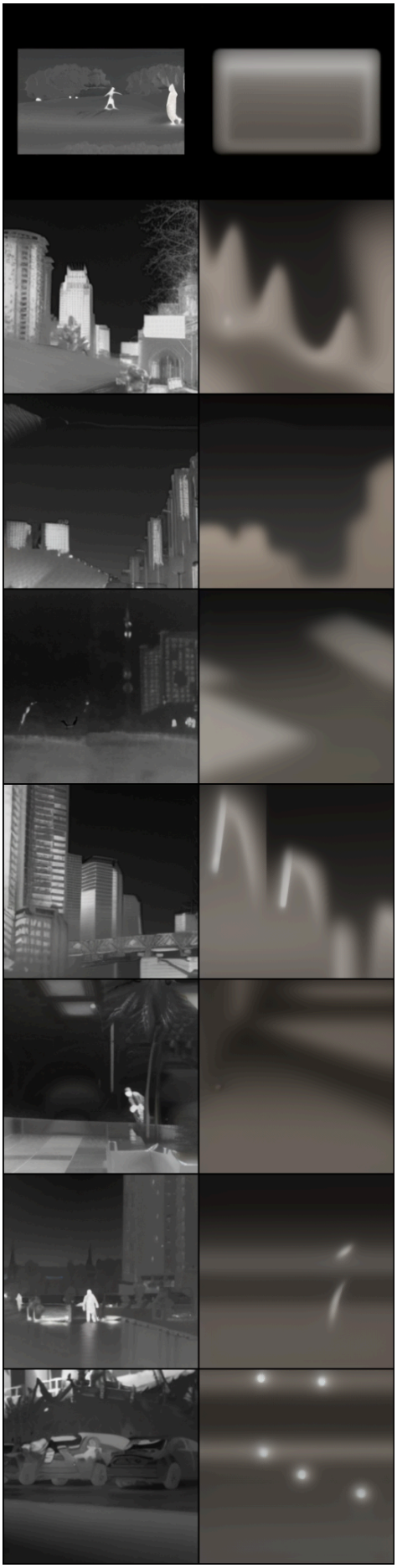
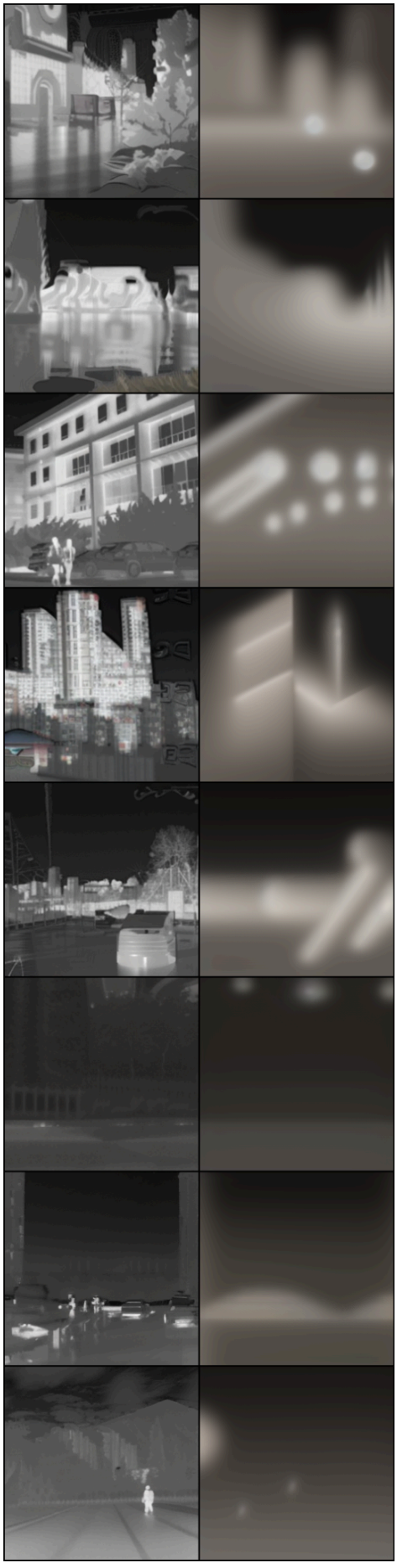
Question - 1

For Unet:
Epoch 1: train MSE=0.660598
Epoch 2: train MSE=0.628760
Epoch 3: train MSE=0.621555
Epoch 4: train MSE=0.617540
Epoch 5: train MSE=0.613594
Epoch 6: train MSE=0.610141
Epoch 7: train MSE=0.604594
Epoch 8: train MSE=0.603361
Epoch 9: train MSE=0.596967
Epoch 10: train MSE=0.589116
Epoch 11: train MSE=0.584739
Epoch 12: train MSE=0.571317
Epoch 13: train MSE=0.560964
Epoch 14: train MSE=0.548079
Epoch 15: train MSE=0.527161
Epoch 16: train MSE=0.507752
Epoch 17: train MSE=0.486746
Epoch 18: train MSE=0.465952
Epoch 19: train MSE=0.449458
Epoch 20: train MSE=0.429077
Epoch 21: train MSE=0.406453
Epoch 22: train MSE=0.388055
Epoch 23: train MSE=0.370489
Epoch 24: train MSE=0.358920
Epoch 25: train MSE=0.345650

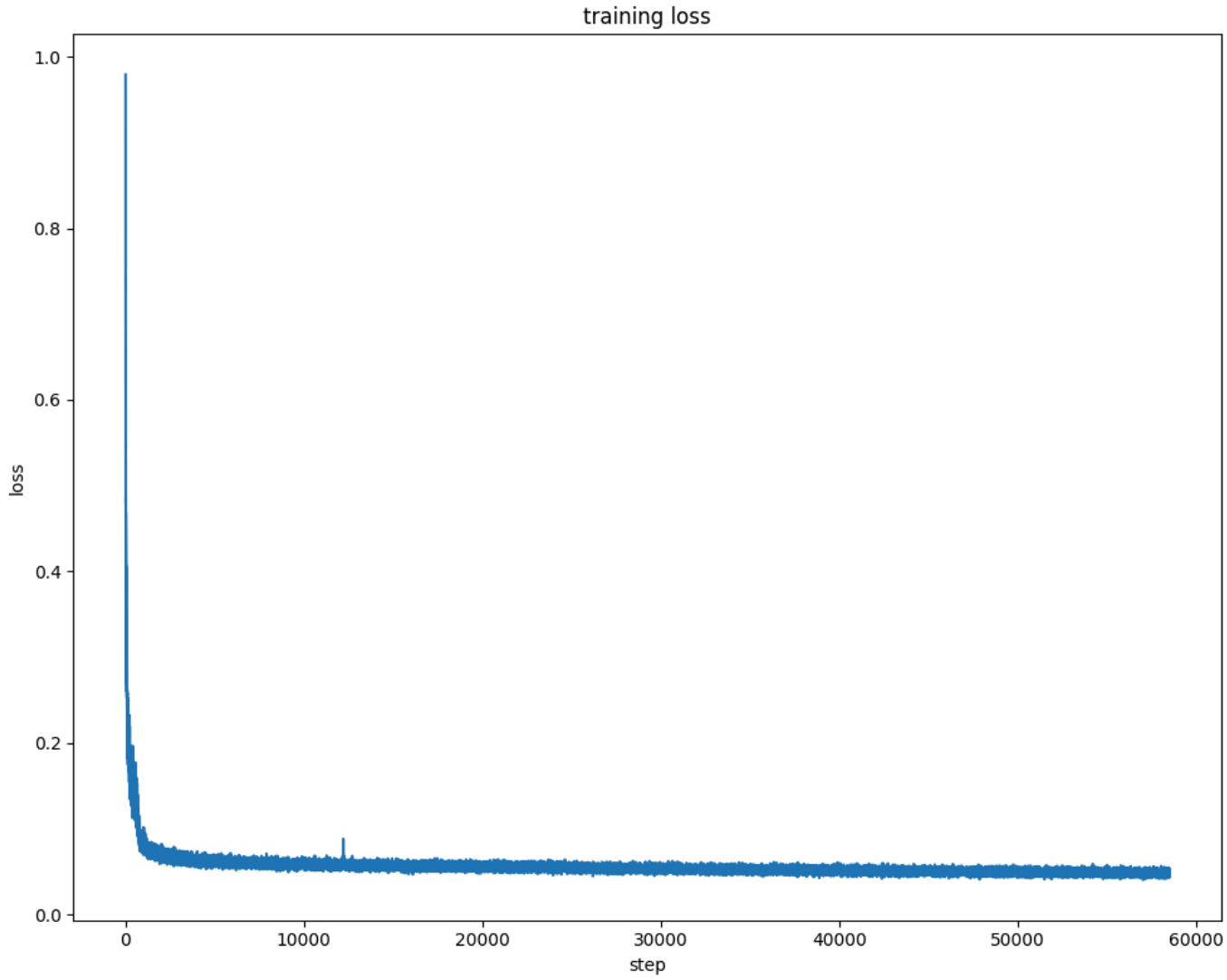
Evaluation:
Test PSNR: 19.07 dB | Test SSIM: 0.7083

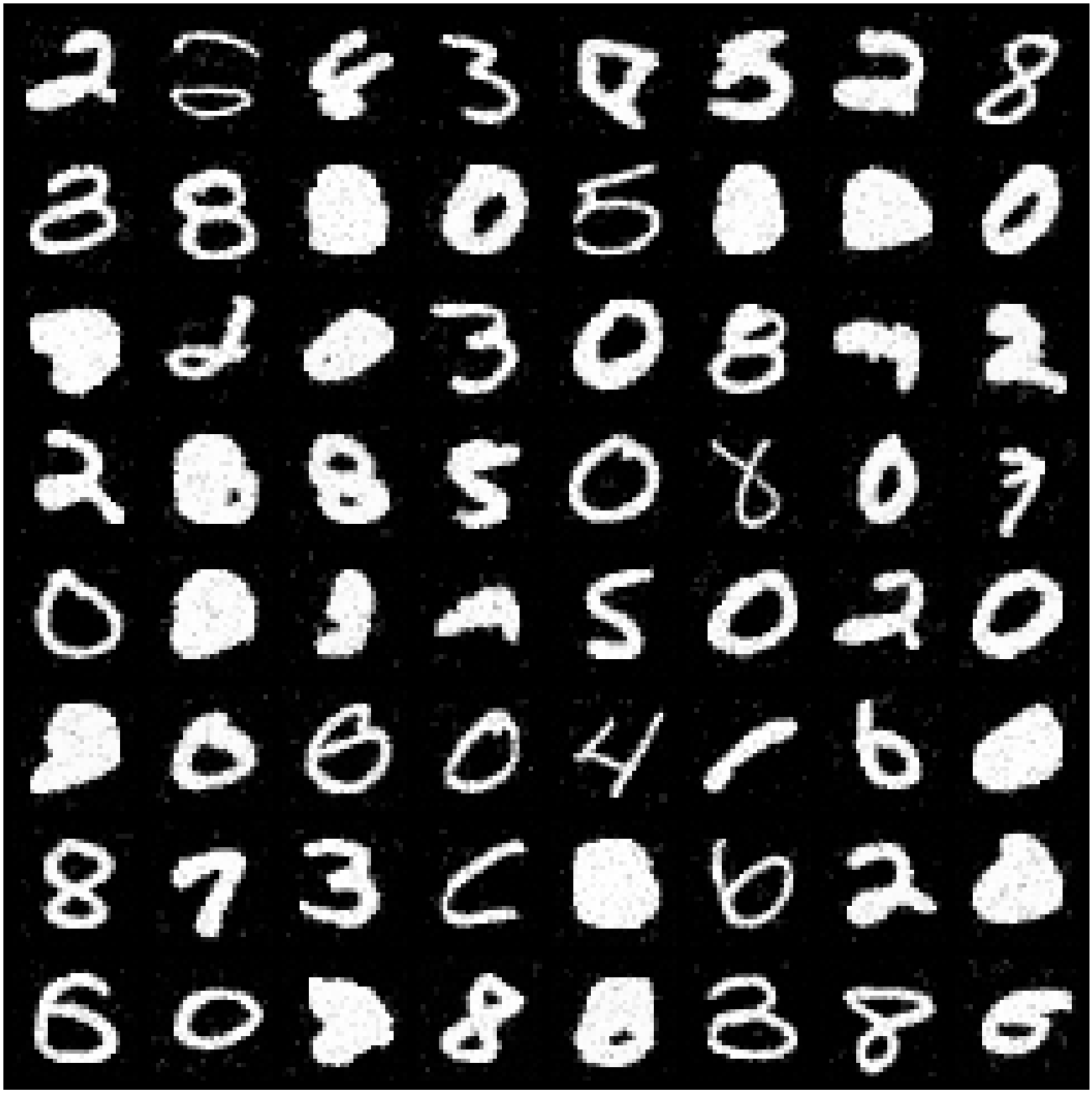




Question - 2

epoch 250 dsm_loss 0.0466





Inception Score: 2.18±0.04 FID: 103.49

ChatGPT help was taken to work on this assignment. But it was less than 20 percent.