Note that markers also attach importance to accuracy and clarity in expression and implementation.

		Max	Mark	Note
Question 1				
1.1	Correct 3x3 moving average kernel and output.	5	5	
1.2	Correct 11x11 moving average kernel and output.	5	5	
1.3	Discussion mentions:			
	Increased smoothness and noise suppression.	5	5	
	More blurry and loss of sharpness.	5	5	
Question 2				
2.1	Correct 3x3 Prewitt kernel.	5	5	
	Correct gradient magnitude image.	5	5	
2.2	Correct implementation of 2D Gaussian kernel.	5	5	
	Proper visualisation of Gaussian kernel.	5	5	
2.3	Correct Gaussian smoothing and gradient magnitude image.	5	5	
2.4	Correct Gaussian smoothing and gradient magnitude image.	5	5	
	Counting of computational time.	2	2	
2.5	Correct implementation of 1D Gaussian kernels.	5	5	
	Proper visualisation of Gaussian kernels along x-axis and y-axis.	5	5	
2.6	Correct separable filtering and gradient magnitude image.	5	5	
	Counting of computational time.	2	2	
	Show the difference between two results.	2	0	
2.7	Discussion mentions:			
	Gaussian smoothing suppresses noise in gradient magnitude image.	3	3	
	Separable 1D Gaussian filtering leads to the same result as 2D Gaussian filtering.	3	0	
	Separable filtering substantially accelerates the computation	3	1	
Question 3				
3.1	Expand numpy array dimension, convert to Pytorch tensor.	7	7	
3.2	Correct Gaussian kernel weight assignment.	7	7	
3.3	Correction filtering using Pytorch with reasonable output.	6	6	
		Total	93	