	During a magnetic resonance (MR) brain scan, the head of the patient is exposes of radio frequency electromagnetic waves while in a strong magnetic field. he basic principles of an MR scanner used to perform this scan.	sed to
		(3
(b)	Ultrasound is thought to be more suitable than X-rays for scanning an unbo	rn fetus.
	State two reasons why ultrasound is used for this application.	
	reason 1	
	reason 2	
		(2 (Total 5 marks)
Q2.	(a) Outline the basic principles of a magnetic resonance (MR) scanner use scan a patient's brain.	ed to

		(3)
(b)	State and explain two advantages of using an MR scanner to scan a patient's brain compared with a CT scanner.	
		(4)
	(Total 7 ma	ırks)