•	patient safety and convenience
•	information available to the doctor from the images.
	(То
	· ·
	g a magnetic resonance (MR) brain scan, the head of the patient is exposed to sh ses of radio frequency electromagnetic waves while in a strong magnetic field.
	line the basic principles of an MR scanner used to perform this scan.

	(Total 5	(2) marks)
	reason 2	
	reason 1	
	State <b>two</b> reasons why ultrasound is used for this application.	
(b)	Ultrasound is thought to be more suitable than X-rays for scanning an unborn fetus.	
		(3)