03



232/2 MS

100

dis

connects

(4

To deside

(3 marks)

(2 marks)

XC

(1 mark)

(3 marks)

a), A shadow is formed: cathode rays travel in a straight line plates/film. Thus images of the fractures are formed More x-rays are absorbed by the bones hence less exposure to fractures with little absorption hence more exposure to the the plates/film. However, the x-rays passes through the (iii) To keep it at zero potential (keep it neutral) The speed of the cathode rays increases Sme 10 hage 00 (I mark) (3 marks) さくない (2 marks) (2 marks) (1 mark)

Turn over

		Total Sales Sales	MANAGED BOOK D	
source. At the leakage point the mixture seeps out and a radioactive detector is used to locate the point.	more ejected electrons are attracted back to the cathode hence Ammeter reading decreases since little current flows	to R and the to S Gradually  To R and the to S Gradually  The voltage	c) (i) Ammeter deflects/shows a reading (1 mark)	
	(8)		0	