

**Part IIA 2012**

**Module 3G4: Medical Imaging & 3D Computer Graphics**

**Numerical Answers**

1. (a) (i)  $1.763 \times 10^{-3}$ , (ii)  $10.196 \times 10^{-3}$   
(b) (i)  $1.5 \times 10^{-3}$ , (ii)  $1.495 \times 10^{-12}$   
(c) (i) 20.56 cm, (ii) 19.88 cm
6. (c) 0.151