Name of the Student:_____
Max. Marks : 13 Marks **Time : 13 Minutes**

Mark Schemes

Q1.

(i) X-rays or gamma rays
for 1 mark
1

(ii) passes through flesh;
stopped by bone/absorbed
for 1 mark each
2

[3]

Q2.

(a) (i) Carries heat up (as convection current)
1

(ii) (1) By conduction or from molecule to molecule
(2) By radiation or as IR
2

(iii) Use shiny surface (inside or outside) or small area
1

(b) (i) Rise more quickly
1

(ii) Dull surface good absorber
(accept "attract" = "absorb" if context correct,
then penalise spg mark.

Shiny surface poor absorber
2

(c) (i) Fall more quickly
1

(ii) Dull surface good emitter
Shiny surface poor emitter
2

[10]

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