

GCSE

Physics (Modular)

Module 23

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Physics in Action : Foundation Tier

Question No.	KEY
One	1 – AND gate 2 – OR gate 3 – NOT gate 4 – LED
Two	1 – LDR 2 – LED 3 – NOT gate 4 – AND gate
Three	1 – film 2 – image 3 – lens 4 – object
Four	1 – switch 2 – thermistor 3 – AND gate 4 – motor
Five	1 – a diverging lens making a virtual image 2 – a thin piece of flat glass making no image 3 – a converging lens making a virtual image 4 – a converging lens making a real image
Six	J L
Seven	P R
Eight	8.1 – D, 8.2 – A, 8.3 – A, 8.4 – D
Nine	9.1 – B, 9.2 – A, 9.3 – C, 9.4 – C
Ten	10.1 – D, 10.2 – C, 10.3 – D, 10.4 – C

Physics in Action : Higher Tier

Question No.	KEY
One	1 – a diverging lens making a virtual image 2 – a thin piece of flat glass making no image 3 – a converging lens making a virtual image 4 – a converging lens making a real image
Two	1 – G 2 – E 3 – D 4 – F
Three	P R
Four	K L
Five	5.1 – D, 5.2 – A, 5.3 – A, 5.4 – D
Six	6.1 – B, 6.2 – A, 6.3 – C, 6.4 – C
Seven	7.1 – D, 7.2 – C, 7.3 – D, 7.4 – C
Eight	8.1 – C, 8.2 – C, 8.3 – D, .4 – B
Nine	9.1 – C, 9.2 – D, 9.3 – D, 9.4 – D
Ten	10.1 – B, 10.2 – D, 10.3 – C, 10.4 – D