

# Mark Scheme Polarisation Past Paper Questions

## Jan 2002 to Jan 2009

### Section A

### Q5 Jan 2003

1-B; 2-A; 3-D; 4-C; 5-D; 6-B; 7-B; 8-D; 9-B; 10-C; 11-D; 12-A; 13-B; 14-A; 15-B.

### Question 2

### Q2 Jan 2005

- (a)(i) particle vibration (or disturbance or oscillation) ✓  
 same as (or parallel to) direction of propagation (or energy transfer) ✓
- (ii) (particle vibration)  
 perpendicular to direction of propagation (or energy transfer) ✓ (3)
- (b) variation in intensity between max and min (or light and dark) ✓  
 two maxima (or two minima) in  $360^\circ$  rotation ✓ (2)  
 (5)

## PA04 Section A Waves, Fields and Nuclear Energy

### Key to Objective Test Questions

1-B; 2-A; 3-D; 4-B; 5-C; 6-C; 7-C; 8-D; 9-D; 10-A; 11-A; 12-B; 13-A; 14-B; 15-C.

### PA04 Section A: Waves, Fields and Nuclear Energy Q3 Jun 2006

Keys to Objective Test Questions														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
B	C	A	C	A	D	B	C	D	D	B	C	D	B	B