(b) Descr	ibe what is meant by a <i>polarised</i> wave.
	[2
(c) The v Fig. 5	ariation with distance x of the displacement y of a transverse wave is shown in 1 .
	3.0 2.0
y/cm	1.0
	0 0.2 0.4 0.6 0.8 1.0 1.2
	-1.0 -2.0
	_3.0
	Fig. 5.1
(i)	Fig. 5.1 to determine
1	. the amplitude of the wave,
	amplitude = cm [1
2	the phase difference between the points labelled A and B.

(ii)	Determine Fig. 5.1.	the	amplitude	of a	wave	with	twice	the	intensity	y of t	that sh	nown ir	1
					am	plitud	e =					cm [1]