

THE HONG KONG POLYTECHNIC UNIVERSITY
HONG KONG COMMUNITY COLLEGE

Subject Title : Composites Fundamental

Subject Code : CCN2295

Session : Semester Two, 2016/17

Numerical Answers

Question B1

(b) Suggested ply construction to solve the warpage problem:

P4 + 45°, P3 - 45°C or P6 + 45°, P5 - 45°C

(d) $WS_{105} = L * W * 200 / 4.68 * 3.68$

$WS_{209} = L * W * 200 / 4.68$

(Values of L & W depend on student's actual answer in part c.)