

THE HONG KONG POLYTECHNIC UNIVERSITY
HONG KONG COMMUNITY COLLEGE

Subject Title : Industrial Engineering Techniques and Methods **Subject Code** : CCN3137

Session : Semester Two, 2014/15

Numerical Answers

Question B1

- (a) 5;
- (c) 93.801%;
- (d) 97.212%.

Question B2

- (e) 0.333.

Question B3

- (b) 15.11%;
- (c) 10.5mins;
- (d) 109.38%;
- (e) 109.13%.

Question B4

- (a) 46;
- (b)(i) 8.80218mins;
- (b)(ii) 10.1683mins.

Question B5

- (a)(i) 0.1588, 0.1812;
- (a)(ii) 7.8034;
- (a)(iii) 0.14%;
- (b)(i) 252631.5789;
- (b)(ii) 323886.6397;
- (b)(iii) 424157.46, 465889.87.