

THE HONG KONG POLYTECHNIC UNIVERSITY  
HONG KONG COMMUNITY COLLEGE

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**Subject Title** : Elementary Statistics

**Subject Code** : CCN1028

**Session** : Semester One, 2018/19

**Numerical Answers**

**Question B1**

- (a)(i) 4.5
- (a)(ii) 25.45
- (a)(iii) 5
- (b) 43%

**Question B2**

- (a)(i) 4.0
- (a)(ii) 2.0
- (a)(iii) 14.3%
- (b)(ii) \$14550

**Question B3**

- (a)(i) 0.37
- (b)(i) 0.1829
- (b)(ii) 0.0153

**Question B4**

- (a) 50
- (b)  $46.72 < \mu < 53.28$
- (c) 189

**Question B5**

- (a) 0.1587
- (b) 0.1056
- (c) 71.04

**Question C1**

- (a)(i) 0.34
- (a)(ii) 0.62

(a)(iii) mean=1.1  
standard deviation=1.1

(b)(i) 0.75

(b)(iii) 1.54

(b)(iv) 0.0618

**Question C2**

(a)(i) 0.6

(a)(iii) 0.0004

(b)(i) 68

(b)(iii) -3.23

(b)(iv) -2.85