

THE HONG KONG POLYTECHNIC UNIVERSITY  
HONG KONG COMMUNITY COLLEGE

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**Subject Title** : Logic Design

**Subject Code** : CCN2272

**Session** : Semester Two, 2017/18

**Numerical Answers**

**Question A4**

- (a) 19 address lines.
- (b) 8 data lines.
- (c) 512 Kbytes
- (d) 16
- (e) 9-to-512-line decoder and 6-to-64-line decoder.
- (f) 4 address lines. It is a 4-to-16-line decoder.

**Question B2**

- (d) 00111111 (no overflow)