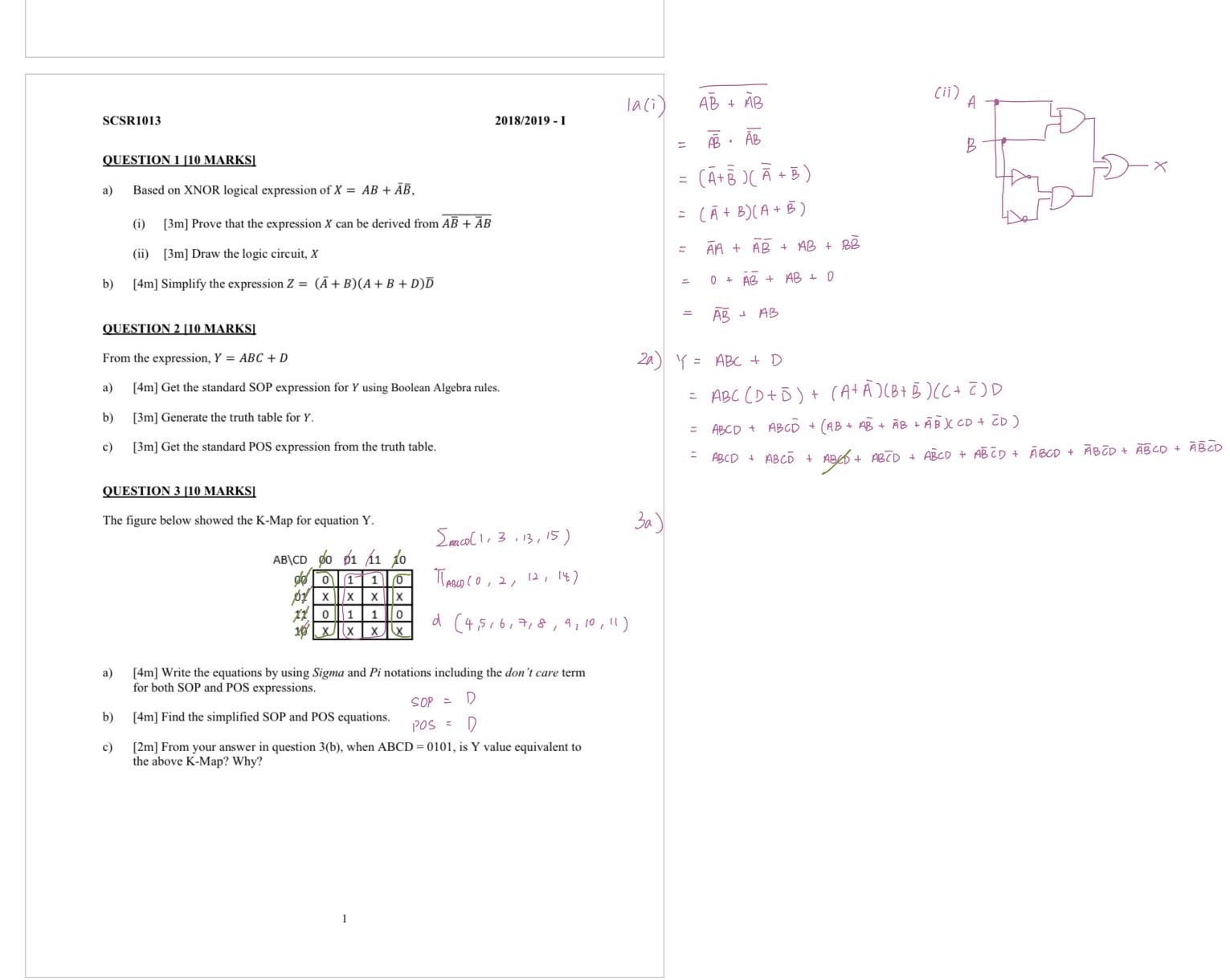
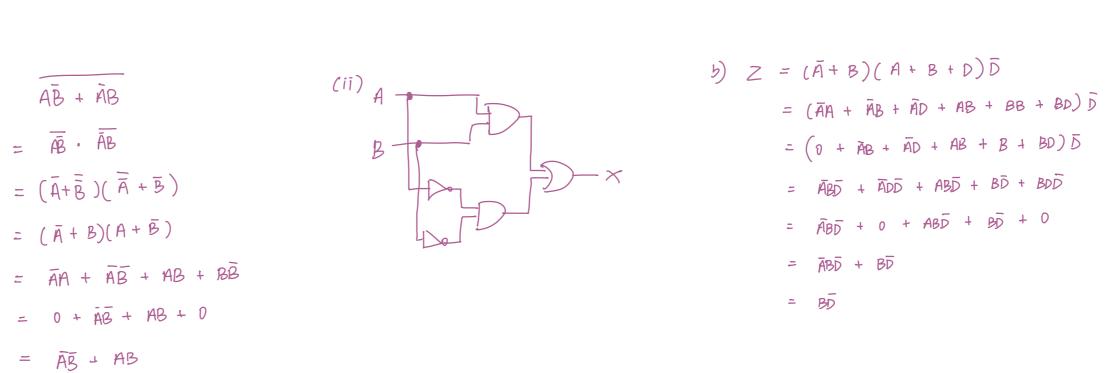


Mr Muhalim / Dr Raja Zahilah / Mrs Rashidah

This question booklet consists of 4 pages including the front page.



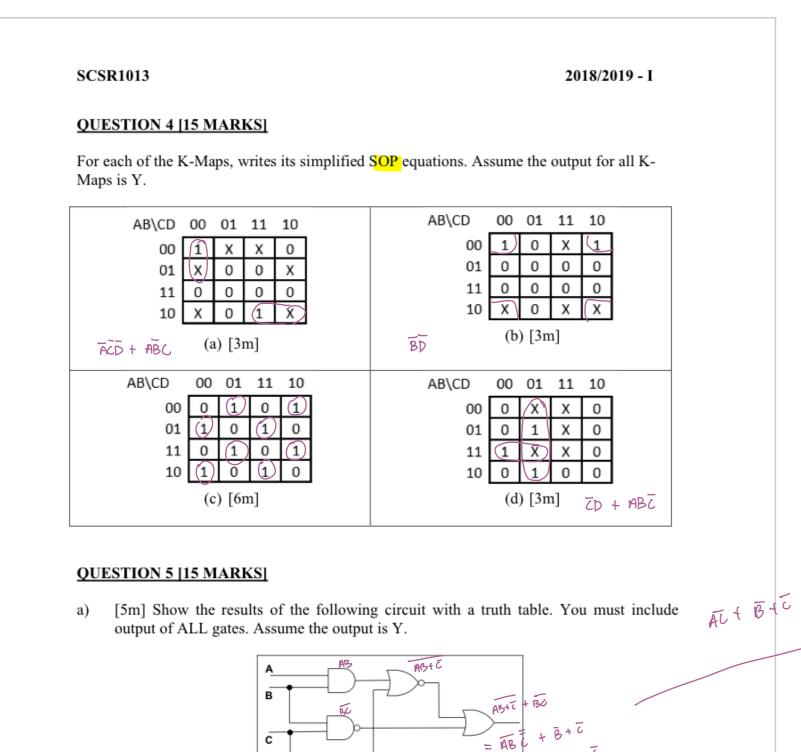


0 0

0 0 1 0

0 0 0 1

Ath value c) $POS = \overline{ABCD} + \overline{ABCD} + \overline{ABCD} + \overline{ABCD} + \overline{ABCD} + \overline{ABCD} + \overline{ABCD}$



b) [5m] Convert the circuit using NOR universal gates ONLY. Assume the output is Y.

