GATE
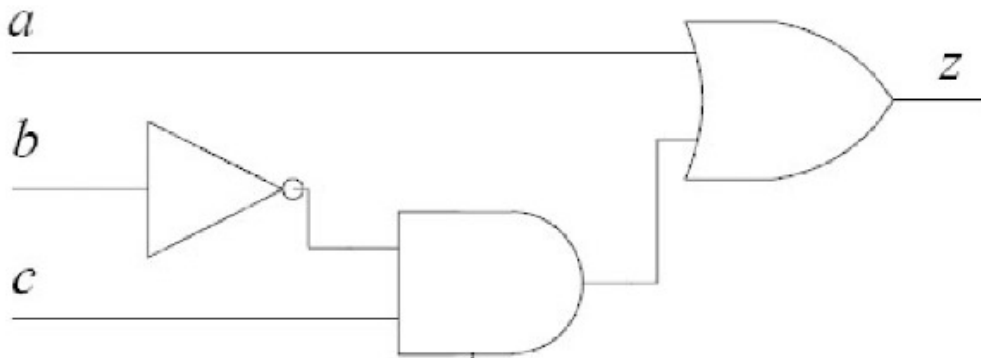
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1. Consider the boolean Function $z(a, b, c)$.

Which of the following minterm lists represent the circuit given above?

(a) $z = \Sigma(0, 1, 3, 7)$

(b) $z = \Sigma(1, 4, 5, 6, 7)$

(c) $z = \Sigma(2, 4, 5, 6, 7)$

(d) $z = \Sigma(2, 3, 5)$