

[Q2:] Let P be the partial ordering relation defined on $B = \{a, b, c, d, e, f\}$ by $P = \{(a, a), (a, b), (a, c), (b, b), (b, c), (c, c), (d, d), (e, e), (e, d), (e, f), (f, d), (f, f)\}$.

Represent P by a hasse diagram. (2 marks)

[Q3:] Let G be a graph with degree-sequence: $y, y + 1, y + 2, y + 3, y + 4$. Find the value of y if G has 10 edges. (2 marks)

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