

## Question 1

Le gain apporté par le responsable marketing de *BrainStuffing* pour ce carnet de commande sera de  $g(7) + g(0) = 75 + 25 = 100$ .

## Question 2

$$\forall t, 0 \leq t \leq T, m(0, t) = 0$$

## Question 3

$$\forall k \in \llbracket 1, K \rrbracket, \forall t \in \llbracket 0, T \rrbracket, m(k, t) = \begin{array}{ll} m(k-1, t) + g(k) & \text{si} \\ & \text{et} \\ m(k-1, t) & \text{sinon} \end{array} \begin{array}{l} m(k-1, t) + g(k) > m(k-1, t) \\ d(k) \leq t \end{array}$$