(1)
(a)
$$f_{10} = \begin{cases} \frac{1}{100} e^{\frac{3}{2}} & \frac{3}{100} \end{cases}$$
(b) $f_{10} = \begin{cases} \frac{1}{100} e^{\frac{3}{2}} & \frac{3}{100} \end{cases}$
(c) $f_{10} = \begin{cases} \frac{1}{100} & \frac{1}{100} & \frac{3}{100} \end{cases}$
(d) $f_{10} = \begin{cases} \frac{1}{100} & \frac{1}{100} & \frac{3}{100} \end{cases}$
(e) $f_{10} = \begin{cases} \frac{1}{100} & \frac{1}{100} & \frac{3}{100} & \frac{3}{100} \end{cases}$
(b) $f_{10} = \begin{cases} \frac{1}{100} & \frac{3}{100} & \frac{3}{100$