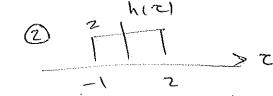
Question ()

a) 1.51 x(2)

-2 3



(3) 2 A (-C)

$$(4) \qquad \lambda(t-z)$$

$$t-2 \qquad t+1$$

(5) 2 ×(2), h(6-2) 1.5 1 1-2 +1-2 3

P) 0 < t < 1 x(z), hlt-z)

$$-3 \le E \le 0 \qquad y(t) = \int_{3}^{t+1} 3 dc = 3(t+3)$$

$$-2 + 1$$

$$0 \le E \le 2 \qquad y(t) = \int_{-2}^{3} 3 dc = 9$$

$$1 + -2$$

$$2 \le E \le 5 \qquad y(E) = \int_{-2}^{3} 3 dc = 3(5-E)$$

$$y(E) = \int_{-3}^{3} (5-E) \frac{E(-3)}{3(5-E)} \frac{E(-3)}{3(5-E)}$$

$$2 \le E \le 5$$

$$y(E) = \int_{-3}^{3} (5-E) \frac{E(-3)}{3(5-E)} \frac{2 \le E \le 5}{2 \le E \le 5}$$

