(i) $f(x) = 0$

$$s_1 = x$$

$$f_1 = s_1$$

$$s_2 = 0$$

$$f_2 = s_2$$

$$f_3 = s_2$$

(ii) $f'(x) = x \times 0$

$$s_1 = x$$

$$f_1 = s_1$$

$$s_3 = x \times 0$$

$$f_2 = s_2$$

$$f_3 = s_1 \times s_2$$

(iii) $f''(x) = x - x$

$$s_1 = x$$

$$f_1 = s_1$$

$$s_3 = x - x$$

$$f_2 = s_2$$

$$f_3 = s_1 - s_2$$

$$s_2 = x$$