A. Pinned-pinned $v_1(0) = 0$ $v_1(L) = 0$

$$M_{x1}(0) = 0$$
 $M_{x1}(L) = 0$

B. Clamped-free
$$v_1(0) = 0 M_{x1}(L) = 0$$

D. Clamped-pinned

$$\phi_{x1}(0) = 0$$
 $S_{y1}(L) = 0$

C. Clamped-clamped

 $v_1(0) = 0$ $v_1(L) = 0$ $\phi_{r1}(0) = 0$ $M_{r1}(L) = 0$







































