1 = n + 27 p log n + 2016 g (n)=n2logn+ 2016 n² log n 7 2016 du L=0, f(n) E,0,(g(n)). little - o f(n)=10"+99" g(h) = 75" + 25n27 \$ 25n27 20 75"+25n27 75"+ 25h27 75" [75">>> 10" du L=0, f(n) E o (g(n)) (little -0)

C)
$$\int (n) = \sqrt{n}$$

$$\int (\log n)^{\frac{1}{2}}$$

$$= \lim_{n \to \infty} \sqrt{n}$$

$$\lim_{n \to \infty} (\log n)^{\frac{1}{2}}$$

$$= \lim_{n \to \infty} \left(\frac{n}{|4|^{1/4}}\right)^{\frac{1}{2}}$$

$$= \lim_{n \to \infty} \left(\frac{n^{1/4}}{|4|}\right)^{\frac{1}{2}}$$

$$= \infty$$

dur $L = \infty$, $f(n) \in w(g(n))$.