a) f(n) = 0 ('nj 5 = g(n) = n 1(m) = 0 (8(m)) two = 0 (8m)= == ten = -5 (8(w)) 000 = 000 B19 0 t (m) = cg(n) 1 m = c & cusus 8 2 5 m > c m = " DECD c = 1 C = 1りそりに見られる ワンク tem = 2 (8(m) [ x 775 = 10 20250 . O (in) B) = (a) 1. fin= cyon a sia n=cn (ca) 6) 22- = ca) + 0-1 +(W= O(8(m) F

3) 
$$64^{\log_{2}^{n}} | \log_{2}^{n} = o(n^{5})$$
 $n^{\log_{2}^{64}} | \log_{3}^{38} \le c n^{3}$ 
 $n^{\log_{2}^{64}} | \log_{3}^{68} \le c n^{3}$ 
 $n^{\log_{2}^{64}} | \log_{3}^{64} \le c$ 

$$\frac{1}{2} = \frac{1}{2} = \frac{1}$$

ショラク

6) 
$$109^{0}_{0}$$
  $n^{2} = 0 (n^{2})$ 
 $109^{18}_{0}$   $n^{2} = 0 (n^{2})$ 
 $1^{7}n^{2} = 0 (n^{2})$ 
 $1^{9}_{0} = 0 (n^{2})$ 
 $1^{10}_{0} > 0 > 0$ 
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$$\frac{d}{dt} = \frac{d}{dt}$$

~ 0 6 - M

(A) & 5 = 0