12) a) convertity 1100
$$L(a)$$
 in baga 10.

1100 $L(z) \ge 1.2^{0} + 0 + 0 + 1.2^{3} + 1.2^{4} \ge 2 + 1.2^{4} \ge 2 + 1.2^{4} \ge 1.2$

= 13.
$$105.(105^2)^{12} = 1365.(11025)^{12} = 81.4^{12} =$$

$$=81. (4^3)^4 = 81. (64)^4 = 81. (4096)^2 = 81.30=$$

