UNDERFLOW LEVEL $= U = \beta^{-M}$

OVERFLOW LEVEL $= O = \beta^{M+1}(1 - \beta^{-M})$

$U = 2^{-5}$

$$= \boxed{0.03175}$$

$O = 2^6 \cdot (1 - 2^{-6})$

$$= \boxed{63}$$