1. (I) b

11. a

111. C

W. 5

٧. ٥

VI. C

vII. d

VIII. a

1x. a

3. (a) we can use significe numbers as exponent in point addition wing in floating point addition wing bias. So, we use bias for the bias.

(b) for zero: Exponent Fraction

for infinity:

255 (singele Oprucision)

2047 (double o precision)

significand

smallest number = 1.0×2-19

6. 91% 3 = 1

:. immuction = SCO

e <u>wires</u>: a,b, e, f,h, q, d,co,0,j,

Comboil signals:

Alustic Membrite

POLICEP

 $m_2 - 0$

m, - 10

m3 - 1

m4 - 0

if (WB. trugistor and $\neq 0$)
and (WB. trugistor and $\neq 0$)
and (WB. trugistorand = ID. trugistorant))
Forward B = 10

