$$= 1 - \left[\left(\frac{10}{20} \right)^2 + \left(\frac{10}{20} \right)^2 \right]$$

b) Female:

gin (+)
$$z = \left[\left(\frac{6}{2} \right)^2 + \left(\frac{1}{26} \right)^2 \right]$$

Male :

gii (t) =
$$1 - [(6/20)^2 + (4/20)^2]$$

= $1 - 0.52 = 0.48//$

Lunwry .

1 W. W. | -13

sports ?

A wroge:

hub. 2

Embrophy (t) =
$$-\frac{e-1}{2}$$
 P (i/t) $\log_2 P$ (i/t)

= $-\left[-\frac{4}{9}\log_2(49) + \frac{5}{9}\log_2(5/9)\right]$

= $-\left[(-0.57997) + (-0.4711)\right]$

= 0.99107