Q7) We know that

$$f(x,y) = \int_{-\infty}^{\infty}\int_{-\infty}^{\infty} F(u,v)\, e^{-j2\pi(ux+vy)}\, du\, dv$$

$$\Rightarrow f(0,0) = \int_{-\infty}^{\infty}\int_{-\infty}^{\infty} F(u,v)\, e^{-j2\pi(0+0)}\, du\, dv$$

$$\Rightarrow f(0,0) = \int_{-\infty}^{\infty}\int_{-\infty}^{\infty} F(u,v)\, du\, dv$$

$F(u,v) \geq 0$ & real $\Rightarrow f(0,0)$ is tending to infinity

The same is seen in figure with a sharp spike in positive direction

when $(x,y) \neq (0,0)$ $e^{-j2\pi(ux+vy)}$ term is present which reduces $f(x,y)$ considerably