A) Insert Watermark

IFFT

watermark message: Tree-ring

FFT

Caption C: *"Apple crumble with oats and berries on a pink cloth."*

Generator

Tree-ring Only

watermark message: StegaStamp

StegaStamp Encoder

Tree-ring+StegaStamp

B) Decode Watermark

watermark message: Tree-ring

Tree-ring Decoder (VAE)

StegaStamp Remover

Watermark Message: StegaStamp

StegaStamp Decoder