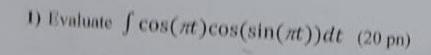
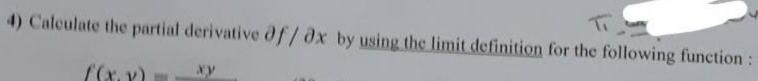
## DIFFERENTIAL EQUATIONS - FINAL EXAM





- 2) Evaluate  $\int csc^2(x)sec^2(x)dx$ (25 pn)
- 3) Evaluate  $\int x \sin(x) \cos(x) dx$



$$f(x,y) = \frac{xy}{(x^2+y^2)}$$
 (30 pn)

