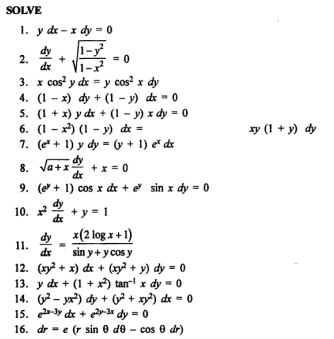
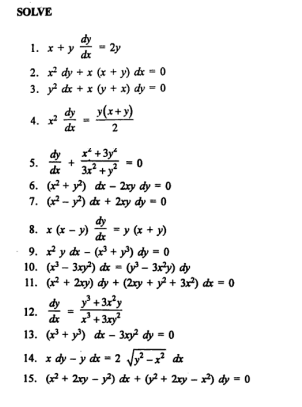
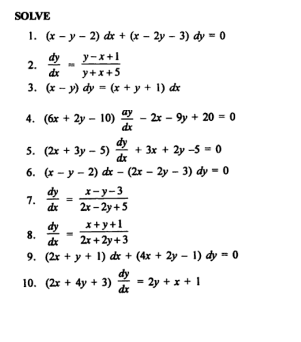
*A) separable differential Equation*



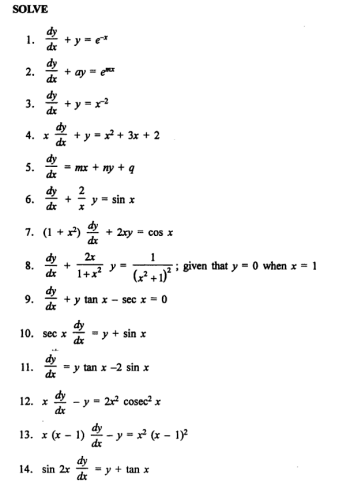
*B) Homogeneous different ion Equations*



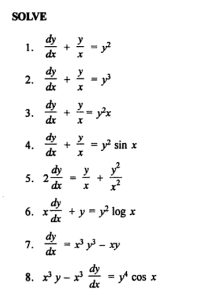
*c)Non-homog. DE*



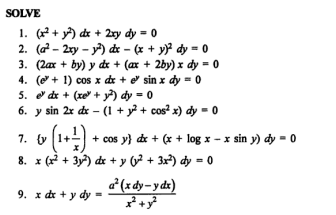
*D ) First order linear DE*



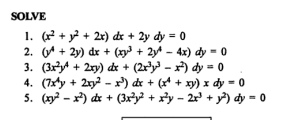
*D) Bernoulli’s DE*

**

*E) Exact DE*



*F) Non-exact DE*



Q1/ Find general solution of the DE

Q2/Find the orthogonal trajectories of the family of curves

Q3/ Solve the simultaneous differential equations

Q4/ solve the Pfaffian Differential Equation

Q5/ Solve the initial value problem

Q6/ Find a curve in the xy-plane that passes through ( 1 , -2 ) , and has the slope is

Q7/ solve the Pfaffian Differential Equation

Q8/ A point moves on the x-axis,the function of velocity is ( ) m/s ,the find

1)The acceleration at t=2 . 2)The position function at 10m in the t=1 .

Q9/ Solve the initial value problem

Q10/ solve the Pfaffian Differential Equation