Tutorial – 2

**Examples on Bernoulli’s Equation**

**Q. Solve the following**

**1) Solve Solve y4dx = [Hint: eqn canbe written as ]**

**2) solve + y = y3(cosx – sinx)**

**3) Solve x + ylogy = xyex**

**4) Solve**

**[Hint ; rewrite the equation ]**

**5) + x(x + y) = x3(x + y)3 – 1[Hint:Put (x+y)=t]**

**Q. Find Solutions**

**1) (1 + siny)dx = (2ycosy – x secy – xtany)dy**

**2)**

**3) Solve**

**4) Solve**