***Tutorial: 07***

***Course Outcome CO3*:**

***Blooms Taxonomy Level****: BT2,BT3*

Q1. Joint distribution of X and Y is given by :

Test whether X and Y are independent . . For the above joint distribution ,find the conditional density of X given .

Q2. Given : . Are X and Y are independent?.

Find (i) (ii) (iii)

Q3. Let X and Y be jointly distributed with p.d.f :

Show that X and Y are not independent but are independent.