Q.No.	DAY - 64
400	**Example 9.53** Find the area of the region bounded by $x-$ axis, the curve $y=\|\cos x\|$, the lines $x=0$ and $x=\pi$.
401	**Example 9.54** Find the area of the region bounded between the parabolas $y^2=4x$ and $x^2=4y$.
402	**Example 9.55** Find the area of the region bounded between the parabola $x^2=y$ and the curve $y=\|x\|$.
403	**Example 9.56** Find the area of the region bounded by $y=\cos x, y=\sin x$ the lines $x=\frac{\pi}{4}$ and $x=\frac{5\pi}{4}$.
404	**Example 9.57** The region enclosed by the circle $x^2+y^2=a^2$ is divided into two segments by the line $x=h$. Find the area of the smaller segment.
405	**Example 9.58** Find the area of the region in the first quadrant bounded by the parabola $y^2=4x$, the line $x+y=3$ and y-axis.
406	**Example 9.59** Find, by integration, the area of the region bounded by the lines $5x-2y=15$, $x+y+4=0$ and the x-axis.