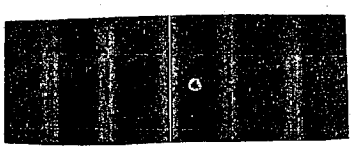
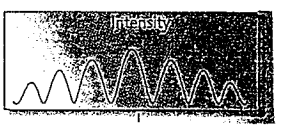
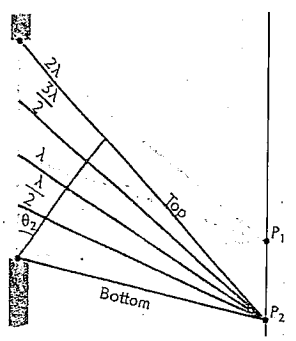
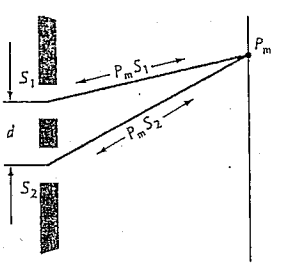
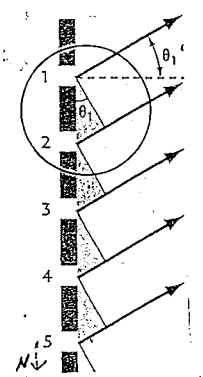
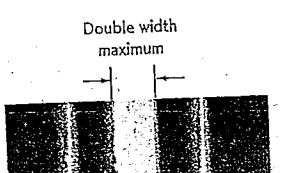
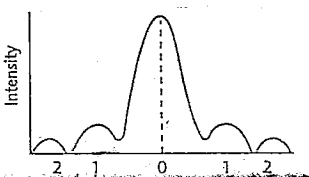
Double Slit	Single Slit	Diffraction Grating
double central maximum	diffraction effect	sharpest pattern
$\lambda = \frac{w\Delta x}{L}$	Δx is not constant for whole pattern	$d = \frac{w}{N}$
Appearance image	Appearance image	Appearance image
		
opening is considered multiple sources	interference effect	$\lambda = \frac{d\Delta x}{L}$
pattern fades as n increases	$\lambda = \frac{d\Delta x}{L}$	separates white light into colours
		
		

	Property or Feature	Single Slit	Double Slit	Diffraction Grating	Similarity or Difference?
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					