

Table 1: Data

Galaxy	Spectral Lines			Average z	Velocity	Size	Distance
ID	Ca K	Ca H	H α	$\Delta\lambda / \lambda$	(km/s)	(mrad)	(Mpc)
NGC 1357							
	$z=$	$z=$	$z=$				
NGC 2276							
	$z=$	$z=$	$z=$				
NGC 2903							
	$z=$	$z=$	$z=$				
NGC 3627							
	$z=$	$z=$	$z=$				
NGC 4775							
	$z=$	$z=$	$z=$				
NGC 6181							
	$z=$	$z=$	$z=$				
NGC 6643							
	$z=$	$z=$	$z=$				
NGC 1832							
	$z=$	$z=$	$z=$				
NGC 5248							
	$z=$	$z=$	$z=$				

NGC 4631							
	$z=$	$z=$	$z=$				

Rest Wavelengths : H α : 656.28 nm (6562.8 A) : CaH: 396.85 nm (3968.5 A) : CaK: 393.37 nm (3933.7 A)

A. $H_o =$ _____ +/- _____ km/sec/Mpc

B. $H_o =$ _____ /sec

C. Age = _____ sec = _____ years.

D. Age = _____ sec = _____ years.

E. The Universe is _____ times older than the sun.

