

Q3 Set A

Load history of A fatigue loaded component made of 2014-T6 Aluminium is given below. Find the residual life of the component as per the table if it is subjected to 1000rpm. **(6 Marks)**

Sl.No.	Stress Amplitude MPa	Number of cycles	
1	300	100	
2	200	100000	
3	150	?	

