

Q3 Set B

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 2000rpm. **(6 Marks)**

Sl.No.	Stress Amplitude MPa	Number of cycles	
1	250	10000	
2	200	100000	

3	150	?	
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