

**Date 12<sup>th</sup> April 2021**

Department of Electrical Engineering, IIT Kharagpur

Make necessary assumptions

Final open book test for 30 marks: Embedded Systems Theory: Time 2 hours

Interface a microSD card to Atmega328. Read a single block, complement and write back. Show the step by step algorithm and code in assembly language. Please explain the codes by proper commenting. Simulate in proteus environment for the read command while showing each of the signals on the scope. Upload your reports by 10AM and demo through your google drive-link also by 10AM.

