D.1. There is an electronic chip board. which requires a finned heat cochange with effectiveness at of atteach 3, to avoid overheating. Design fins as pur given crossection area and length (basically you need to calculate no. of fins required in given design).

Air (h=20W m2k) DD - - 15cm

T6=25°C. DD - - - 1

A(2mm x2mm), 4cm long fin, k=237 W mk

(iv) commend on companison of conocchive

heat 1000 of modiative heat 104.

social should be destrable property of flow in the case of

(duylor 91120.0 = (4018) x . marks

ms = wobala p athon, prefix = 2m

712 JOHN 7 91X N. 1 8 = (140) 6