Classmate 20181CSE0621 Saighte Du Ram. K. 20181CS E0621 06/01/2021 Part-B Q.4 Consider, E: Exam pressure is high. A: Attendance is low. F: He will Fail and S: He will sleep. According to conditions:-(1) EVA Exam pressure is high or attendance los (ii) A \rightarrow F (If attendance low he will feil) (iii) E->S [Exam pressure high he will steep] (iv) 7S (v) F [He did not sleep] the will fail . Simplifying above statements we get:-(11) A->F = 7AVF $\begin{array}{ccc} (111) & E \rightarrow F \cong & 7EVS \\ (1V) & 7S \\ (V) & F \end{array}$ * CNF is statements is:-(EVA) N (TAVF) N (TEVS) N (TS) NF