COPYRIGHT RESERVED UL(7) — Crypto. 2020(A) Time : 3 hours Full Marks: 70 Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks. Answer any five questions. 1. (a) Explain the block cipher and stream cipher. (b) Explain double DES. What kind of attack on double DES makes it use less? 2. (a) Find all multiplicative inverses in z_{10} . (b) Solve the following equation: 10x**⊯2 (mod 15)** (Turn over) FA-5/1

