Name: Partha Charrenborety

Student ID: 1305117

Ans. to the a. no - 01

Gaven,

band rate = 15-25832342

Clock frequency = 8MHz = 8×106 Hz

Value of UBRR = 8×106

16×15-26832342-1

= 32767.999

≈ 32768

= (32768)

= (1000 0000 0000 0000)

But the MSB of UBRRH must be O when setting band rate as UCSRC and UBRRH share the same location. In that condition The newtest value of UBRR will be (32767) 10 orc (OIII IIII IIIIII)

Now bound reate will be 12-320 band rate = 8×106

16 (32767+1)

15.55555555 2 15.25878906 Ans. to the a.mo- of Ans. to the qu. no-02 band rate = 15-25832349 Clock frequency = 8MHZ = 8×10° HZ --- MOSI CEMOSI 1 × 22768 SHIFT ENABLE SPI Clock generator But the MSB of UBRRH must be O when setting location. In that condition the newtest value of UBRR will be (92767)10 ore (out my min)2 Fig. SPI master-slave interconnection