06 Write an Embedded C programs Buzzer/Relay ON and OFF using on-chip timer interrupt (ISR Method). (Answer sheet : draw interfacing diagram Draw T0CON & INTCON Register & Write code ) (Simulate using Proteous & Perform on PIC18 Kit)

#include <xc.h>

void interrupt ISR(void)

{

TMR0H=0x85;

TMR0L=0xEE;

PORTBbits.RB3=~PORTBbits.RB3;

INTCONbits.TMR0IF=0;

}

void main(void) {

ADCON1=0x0f;

TRISBbits.RB3=0;

T0CON=0x02;

TMR0L=0xEE;

INTCONbits.TMR0IF=0;

INTCONbits.TMR0IE=1;

T0CONbits.TMR0ON=1;

INTCONbits.GIE=1;

while(1);

}

