1. Write a single C statement that will set the odd numbered bits of port 1 to 1 and leave the even numbered bits unchanged.

2. Write a single C statement that will clear the odd numbered bits of port 1 to 0 and leave the even numbered bits unchanged.

3. Write a single C statement that will complement the odd numbered bits of port 1 and leave the even numbered bits unchanged.

4. In 8051 assembly language there is no shift instruction – only a rotate. In C there is no rotate – only a shift. Show how to do a 16-bit rotate in C.

5. The following lines of code often appear in C programs that use the serial port. What do they do?
   ```c
   TI = 0;
   SBUF = 0x0D;
   while (TI == 0);
   TI = 0;
   SBUF = 0x0A;
   while (TI == 0);
   ```

6. Explain the difference between the following two declarations in C:
   ```c
   code char myChar[] = "abcdef";
   char myChar[] = "abcdef";
   ```

7. How many bytes of program memory is required to store the constant ASCII declared below:
   ```c
   code unsigned char ASCII[] = "0123456789";
   ```