Question 3.1

;;
;; After execution of the following instructions
;; what value will be in the condition code flags?
;;
00 E3A00205  MOV  r0, #0x50000000
04 E3A01103  MOV  r1, #0xC0000000
08 E0512000  SUBS r2, r1, r0

(A) 0x1  (B) 0x4  (C) 0x2  (D) 0x6  (E) 0x3  (F) OTHER

Question 3.2

;;
;; After execution of the following instructions
;; what value will be in the condition code flags?
;;
00 E3A00102  MOV  r0, #0x80000000
04 E3A01102  MOV  r1, #0xC0000000
08 E0512000  SUBS r2, r1, r0

(A) 0x0  (B) 0x5  (C) 0x4  (D) 0x1  (E) 0x0  (F) OTHER

Question 3.3

;;
;; After execution of the following instructions
;; what value will be in the condition code flags?
;;
00 E3E00003  MOV  r0, #0xFFFFFFFF
04 E3A01020  MOV  r1, #0x20
08 E0512000  SUBS r2, r1, r0

(A) 0x8  (B) 0x5  (C) 0x4  (D) 0x1  (E) 0x0  (F) OTHER

Question 3.4

;;
;; After execution of the following instructions
;; what value will be in the condition code flags?
;;
00 E3A00020  MOV  r0, #0x20
04 E3A01000  MOV  r1, #0
08 E0512000  SUBS r2, r1, r0

(A) 0x0  (B) 0xC  (C) 0x8  (D) 0xD  (E) 0xE  (F) OTHER
For ease of reading machine code and integer data in the second column are displayed in big endian format, byte data and strings in little endian format.