<u>Marks – 5</u>

1   Convert the following: 2.5
   i.   8B872D**XX**H from machine language to assembly language.
   ii. 8B8AFF**XX**H from machine language to assembly language.
     [Hints: here, **XX** means last two digit of your ID (for example, if ID is 17183103060 then '**XX**' will be '**60**']

2   Show the status of the PSW (program status word) after performing the following   2.5
   instructions.
   MOV A, #9DH
   ADD A, #**XX**H

   [Hints: here, **XX** means last two digit of your ID (for example, if ID is 17183103060 then '**XX**' will be '**60**']