## **:: ASSIGNMENT # 1 ::**

ID: 11533

Name: Ashir Ali Khan

**Subject: Microprocessor and** 

**Assembly Language** 

**Teacher: Sir Muhammad Amin** 



**Iqra National University** 

 $\mathbb{Z}$   $M \square T \square W \square T \square F \square S$ 11533 Q Answes: Provided for disect hardware access even if it does awkneed coding technique must often be used resulting in possible maintenance Q Answer: code for the expression  $X = (\gamma_{\times} 4) + 3$ eax, y; move y to EAX : EAX = EAX mor X, eax; more EAxtox Q7 Answer. Virtual machine concept computer one constructed in layer, so that each layer sepresent a translation layer from a high level instruction set in a low level instruction set. Q8 Answar: 1x27+1x26+1x2+1x2+1x2+1x23+ 0x2+0x2+0x2+0x2 => 128 + 64 + 32 · +16 +8 + 0 + → 128 +64 +32+16 +8

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O REP. Minister 8 to store most of the world's characters. it

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