1、(1) $2^{32}B = 4GB$，$2^{12}B = 4KB$

整个地址空间为4GB，一页为4KB。

(2) 页目录起始逻辑地址为 0x80000000 + (0x80000000 >> 10)
= 0x80200000

自映射页表项的逻辑地址为 0x80000000 + (0x80000000 >> 12) + (0x80000000 >> 20)
= 0x80200800

(3) ① 0x0：页目录号为0，二级页表号为0，offset为0。

~~页表项中的物理地址为~~
页目录中的页表项为0x0，无效。

② 0x00803004：PDN = 0x002 PTN = 0x003 Off = 0x004
(PDE) 0x1008 = 0x5001，valid，PTEntry = 0x5000
(PTE) 0x5008 = 0x2000|，valid，PGEntry = 0x20000
(byte) 0x20004 = 0x32600|

③ 0x00402001：PDN = 0x001，PTN = 0x002，Off = 0x001
(PDE) 0x1004 = 0x1001，valid，PTEntry = 0x1000
(PTE) 0x1008 = 0x5001，valid，PGEntry = 0x5000
(byte) 0x5001 = ~~0x4E001~~ 0x0

(4) *(PDE*) 0x100 = 0x2000|，valid，PTEntry = 0x2000
(PTE) 0x2004 = 0x32601，valid，PGEntry = 0x326000
(byte) 0x326028

∴ PDN = 0x003，PTN = 0x001，Offset = 0x028

∴ 逻辑地址：0x00C01028

2、

指令	结果
Load [0x00006022]	20
Store [0x00C07222]	Error
store [0x00C005BF]	~~Error~~ ok
Load [0x000030[3]	19
Load [0xFF80078F]	Error
Load [0xFFFFF005]	66