

8. Loop OD is the default byte in that location of 36. 9. 256x512 = 131072=20000H. DX=0002, AX=0000 (Separate byte sizes are multiplied) 10. A560 11. E, D 12. U350 L14 13. IP 14. a) byte B) data 1. F9100H +0350H + 12H = F9462H 2. A)0601H В)Е9Н C)27E9H D)e8db27e9h F000H-16 bytes = EFF0H 3. 4. 7E25H 5. mov bx, 8800h Mov al, [bx+2]

Mov [bx+12h],al

mov bx, 8800h

6.

Mov si,1

Mov al,[bx+si*4+3]

Inc si

Add al,[bx+si*4+3]

Mov bx, a000h

Inc si

Mov [bx+si*4+2],al

7. mov bx,8802h

Mov cx, 3c7ah

And cx,[bx]

Hlt

Flags: CF=0, PF=0