

Q.1. What are the different levels of security in 80386 ?

- a. Task level security
- b. Page level security
- c. Segment level security
- d. Both b & c

Answer : c

Q.2. Which is the highest and most secure privilege level in 80386 ?

- a. Privilege Level 0
- b. Privilege Level 1
- b. Privilege Level 1
- c. Privilege Level 2

Answer : a

Q.3. What is the privilege level of Kernel in Operating System ?

- a. Privilege level 2
- b. Privilege level 1
- c. Privilege level 3
- d. Privilege level 0

Answer : d

Q.4. What fields are checked by Privilege check unit of CPU ?

- a. CPL
- b. RPL
- c. DPL
- d. All of the above.

Answer : d

Q.5. Where is the RPL located.

- a. Segment register
- b. Selector
- c. Segment descriptor
- d. Both a & b.

Answer : Both a & b

Q.6. Where is the CPL located.

- a. Hidden portion of segment register
- b. Segment Descriptor
- c. TSS Descriptor
- d. GDT

Answer : a

Q.7. How many bits are allocated for Limit field in Code/Data Segment descriptor.

- a. 8 bits
- b. 5 bits
- c. 20 bits
- d. 16 bits

Answer : c

Q.8 What is the maximum size of segment when Granularity bit is 0.

- a. 4 GB
- b. 1 MB
- c. 64 Terabyte
- d. 64 KB

Answer : b

Q.9. What is the maximum size of segment when Granularity bit is 1.

- a. 4 GB
- b. 1 MB
- c. 64 KB
- d. 64 TB

Answer : a

Q. 11 Where is the Granularity bit located.

- a. Segment Descriptor
- b. Segment Register
- b. Flag register
- d. Selector

Answer : a

Q.12 What is the size of each descriptor in GDT.

- a. 32 bit
- b. 64 KB
- c. 8 byte
- d. 1 MB

Answer : c

Q.13 Where is the Conforming bit located.

- a. Selector
- b. Code segment descriptor
- c. Data segment descriptor
- d. TSS

Answer : b

Q.14 What is stored in Task State Segment.

- a. General purpose registers
- b. Segment registers
- c. Flag registers
- d. All of the above.

Answer : d

Q.15 What is stored in Task Register

- a. Selector to TSS descriptor of currently executing task
- b. Base address of GDT
- c. Limit of GDT
- d. All of the above.

Answer: a

Q.16 When T(Trap bit ) is set it generates debug exception on following,

- a. Macro call
- b. Push instruction
- c. Pop instruction
- d. Task switching

Answer : d