

Subject – Microprocessor

Practice Question Bank – 1

Question No	MCQs
1	Which of the following is not Intel family processor? a. 8086 b. Pentium-1 c. 80386 DX d. SUN SPARC
2	How many total numbers of segments are in the physical memory of 8086? a. 4 b. 6 c. 8 d. 16
3	Which of the following is Incorrect instruction? a. PUSH CX b. ADD AL,CL c. SHL AL,4 d. IN AL, 80H
4	Identify addressing mode of given instruction: CLC a. Implied Addressing Mode b. Register Addressing Mode c. Direct Addressing Mode d. Immediate Addressing Mode
5	What is the size of IVT? a. 1KB b. 2KB c. 4KB d. 8KB
6	How many ALU's in Pentium-1? a. 1 b. 2 c. 3 d. 4
7	How many integer point pipeline stages in Pentium -1 ? a. 4 b. 5 c. 7 d. 8
8	What is the size of GDT? a. 64KB b. 32KB c. 8KB d. 1KB

9	<p>Which of the bit is used to enable Protected mode?</p> <ul style="list-style-type: none"> a. PE b. PG c. VM d. IOPL
10	<p>What is the size of data bus and address bus in 8086 processor?</p> <ul style="list-style-type: none"> a. 16 bits, 20 bits b. 8bits , 20bits c. 20 bits, 16 bits d. 20 bits , 20 bits
11	<p>Which of the following is not Assembler Directives?</p> <ul style="list-style-type: none"> a. .model b. .code c. .add d. .startup
12	<p>If segment address = 1005 H, offset address = 5555 H, then the physical address is ?</p> <ul style="list-style-type: none"> a. 655A H b. 155A5 H c. 45500 H d. 56555 H
13	<p>DB stands for?</p> <ul style="list-style-type: none"> a. Double Byte b. Define Byte c. Data Byte d. Define Bit
14	<p>Which one is faster in terms of execution?</p> <ul style="list-style-type: none"> a. Macros b. Procedure
15	<p>How many interrupts supported by 8086?</p> <ul style="list-style-type: none"> a. 255 b. 256 c. 31 d. 64
16	<p>Which bit in ICW1 indicates whether the 8259A is cascade mode or not?</p> <ul style="list-style-type: none"> a) LTIM=0 b) IC4=1 c) SNGL=0 d) SNGL=1
17	<p>How many I/O pins are present in 8255PPI?</p> <ul style="list-style-type: none"> a. 24 b. 16 c. 8 d. 32

18	<p>How many segment registers are present in 80386?</p> <p>(a) 4 (b) 2 (c) 6 (d) 8</p>
19	<p>What is the size of GDTR?</p> <p>(a) 16 bits (b) 32 bits (c) 48 bits (d) 64 bits</p>
20	<p>What is the size of data bus in Pentium -1?</p> <p>a. 64 bits b. 32 bits c. 16 bits d. 24 bits</p>
21	<p>Size of address bus in Pentium IV?</p> <p>a. 16 bits b. 32 bits c. 64 bits d. 36 bits</p>
22	<p>What is the size of Physical memory in Pentium -1?</p> <p>(a) 64 MB (b) 64 GB (c) 4 GB (d) 64 TB</p>
23	<p>How many Global and Local segments present in 80386Dx?</p> <p>a. 16384 b. 8192 3. 6 4. 64</p>
24	<p>What will be the extension of file which linker accept?</p> <p>a. .EXE file b. .MASM file c. .DEBUG file d. .OBJ file</p>
25	<p>Which of the following controller is used to generate control signals in maximum mode?</p> <p>a. 8288 b. 8286 c. 8282 d. 8086</p>