Q3- Select the correct answer in each of the following:

1.	Each process is represented in t					
	A- handler B- PCB	C- kerne	el	D- bootstrap		
2.	The refers to the					
	A. degree of multiprogramming			uler D. process count		
3.	The scheduling algorithm is					
	A. Multi-level Queue			D. <mark>RR</mark>		
4.	An address generated by a CPU is					
	A. post relocation register address					
5.	The processes that are residing in the main memory and are ready and waiting to execute are kept on a list called					
	the					
	A. Device Queue	B. Waiting Queue	C. Ready Queue	D. Spooling Queue		
6.	Interrupt transfers control to the in	nterrupt service routine g	generally, through the_	, which contains the		
	addresses of all the service routines.					
	A. Device Queue	B. dispatcher	C. interrupt vector	D. schedular		
7.	Saving the state of the old process			order to transfer the control		
	from one process to other process	is called	·			
	A. Thrashing	B. dispatcher	C. swapping	D. context switch		
8.	A is a software-generate					
	A. system call	B. interrupt handler	C. trap	D. interrupt vector		
9.	schedulars are	the job schedulers that s				
	memory for execution.					
	A. Short term	B. Medium term	C. Long term	D. None of the mentioned		
10.	is solution to exter	nal fragmentation proble	em which is to permit t	the logical address space of a		
	process to be noncontiguous, thus	allowing a process to be	e allocating physical m	emory wherever the latter is		
	available.					
	A. Paging	B. Segmentation	C. Both A and B	D. None of the mentioned		
11.	CPU scheduling decisions may tal	ke place when a process	switches from	state.		
	A. Running to waiting					
12.	is defined as the nu	mber of processes that c	omplete their execution	n per time unit.		
	A. Turnaround time	B. Response time	C. Throughput	D. Waiting Time		
13.	is defined as the am	nount of time to execute	a particular process.			
	A. Turnaround time	B. Response time	C. Throughput	D. Waiting Time		
14.	is defined as amour	nt of time a process has b	een waiting in the read	dy queue.		
	A. Turnaround time	B. Response time	C. Throughput	D. Waiting Time		
15.	is defined as amour	nt of time it takes from w	hen a request was sub	mitted until the first response is		
	produced, not output.					
		B. Response time				
16.	When is used, a sm	all piece of code, stub	, used to locate the ap	ppropriate memory-resident		
	library routine.					
	A. Dynamic loading	B. Dynamic linking	C. paging	D. All the mentioned		
17.	is the space waste					
	of allocated blocks		·			
	A. Internal fragmentation	B. Thrashing	C. External fragmen	tation D. None of the mentioned		
18.	The two separate modes of ope	_	_			
		B. kernel, privileged				
19.	The list of processes waiting fo					
	A. standby	B. interrupt	C. device			
20	Consider a logical address with	•		•		
4 0.	offset in the logical address?	inow many one must	oc asea to represent the page			
	G	B. 8	C. 13	D. 12		
21	A. 10					
41.	Consider a logical address with		ent an entry in a con	venuonai page table. How		
	many entries are in the convent	nonal page table?				

	A. 262144	B. 1024	C. 1048576	D. 18				
22.	Assume a system has a associated memory hit ratio of 90%. It requires 15 nanoseconds to access the							
	associated memory, and 85 nanoseconds to access main memory. What is the effective memory access							
	time in nanoseconds for this system?							
	A. 108.5	B. 100	C. 22	D. 176.5				
23.	. Given the logical address 0xAEF9 (in hexadecimal) with a page size of 256 bytes, what is the page							
	number?							
	A. OxAE	B. 0xF9	C. 0xA	D. 0x00F9				
24.	is the only large storage media that the CPU can access directly.							
	A. registers	B. Main memory	C. Optical disks	D. magnetic tapes				