Q.1 Which of the following CPU scheduling algorithm ensures minimum waiting

time?

A. FCFS

B. SJF

C. Priority

D. Round Robin

Correct Answer : B

Time
Out

Q.2 Convoy effect occurs in _____ scheduling algorithm.

A. Priority
B. Shortest Remaining Time First
C. Shortest Next Time First
D. None of the above

Correct Answer : D

Time
Out

Q.3 Which of the following CPU scheduling algorithm lead to starvation?

A. FCFS
B. Shortest Job First
C. Round Robin
D. None of the above
E. All of the above

Correct Answer : B

Time Out

Q.4 Which of the following statement is true in an IPC?

A. under shared memory model processes can communicates directly with each other.

B. any process can sends signal to an OS.

C. by using pipe() system call processes can send as well as receive message.

D. by using pipe command only related processes can communicates.

Time Out

Correct Answer : C

Q.5 Critical Section Problem can be resolved by using

A. Binary Semaphore

B. Mutex Object

C. Classic Semaphore

D. Both A & B

E. None of the above

Correct Answer : D

Time Out

Q.6 Which of the following signal an OS send to a process for forceful

termination?

A. SIGTERM
B. SIGEND
C. SIGSTOP
D. SIGKILL

Correct Answer : D

Time Out

Q.7 Processes which shares data with another processes referred as

A. related processes
B. co-operative processes
C. independent processes
D. all of the above
E. none of the above

Correct Answer : B

Q.8 What is/are necessary and sufficient condition/s to occur deadlock.

A. resource can be allocated for any one process at a time
B. control of any resource cannot be taken away forcefully from a process
C. each process is holding one resource and requesting for a resource which is held by another process.
D. circular wait
E. all of the above

Time Out

Correct Answer : E

Q.9 To recover system from deadlock, process which gets terminated is

referred as a

A. terminated process
B. target process
C. victim process
D. all of the above

Correct Answer : C

Q.10

Banker's algorithm is used for _____.

A. deadlock prevention
B. deadlock recovery
C. deadlock deadlock & avoidance
D. all of the above

Correct Answer : C

Time Out

Q.11 System calls are nothing but

A. Kernel functions
B. Software Interrupts
C. Interface provided to call services made available by the Kernel
D. All of the above
E. None of the above

Time Out

Correct Answer : D

Q.12 During Machine Boot, process to check peripherals connectivity is called as

A. BIOS
B. POST
C. Authentication
D. None of the above

Time Out

Correct Answer : B

Q.13 Which of the following is not a job of Process Control Subsystem?

A. Inter Process Communication
B. Scheduling
C. Memory Management
D. Device Management

Time Out

Correct Answer : D

Q.14 Which of the following system call is used to create a new process in UNIX?

A. CreateProcess()
B. fork()
C. clone( )
D. all of the above
E. none of the above

Time
Out

Correct Answer : B

Q.15   Which of the following section is not a part of process?

A. bss section
B. rodata section
C. code section
D. symbol table

Correct Answer : D

Time Out

Q.16 . In which of the following case preemptive cpu scheduling takes place?

A. running -> terminated

B. running -> waiting

C. waiting -> ready

D. All of the above

E. None of the above

Correct Answer : C

Q.17   Which of the following is a kernel data structure?

A. PCB
B. Ready Queue
C. Job Queue
D. All of the above
E. None of the above

Time
Out

Correct Answer : D

Q.18 System in which the CPU time gets shared among all running programs is referred as

A. multi-programming system
B. multi-tasking system
C. time sharing system
D. both multi-tasking as well as time sharing
E. both multi-programming as well as time sharing
F. None of the above

Correct Answer : D

Q.19 Which of the following is not a CPU scheduling criteria?

A. Waiting Time
B. Response Time
C. CPU Burst Time
D. Turn-Around-Time

Correct Answer : C

Q.20 Which of the following statement is not true about scheduling criterias?

A. CPU utilization must be as max as possible
B. Waiting Time must be as max as possible
C. Turn-Around-Time must be as min as possible
D. Response Time must be as min as possible

Time
Out

Correct Answer : B

Q.21 Computer is a _____ which performs different functions efficiently

and accurately.

A. hardware

B. machine

C. digital device

D. all of the above

Correct Answer : D

Q.22 Which of the following is not a hardware?

A. Processor
B. Keyboard
C. Device Driver
D. Magnetic Disk
E. None of the above

Time
Out

Correct Answer : C

Q.23 An OS is a _____

A. system software
B. resource manager
C. resource allocator
D. all of the above

Correct Answer : D

Time Out

Q.24   What are the functions of computer?

A. data storage
B. data processing
C. data movement
D. control
E. all of the above

Time
Out

Correct Answer : E

Q.25 Which of the following is a system program?

A. compiler
B. linker
C. loader
D. assembler
E. all of the above
F. none of the above

Correct Answer : C

Q.26 _____ converts high level programming language code into a low level programming language code.

A. An assembler
B. Compiler
C. Preprocessor
D. Linker

Correct Answer : B

Q.27 Output of the linker is _____

A. an object code
B. an executable code
C. an intermediate code
D. an assembly language code

Correct Answer : B

Q.28 Which of the following program provides graphical user interface in
Windows Operating System?

A. cmd.exe
B. explorer.exe
C. command.com
D. all of the above
E. none of the above

Correct Answer : B

Q.29 Which of the following program is a system program?

A. Interrupt Handler
B. Device Driver
C. Loader
D. All of the above
E. None of the above

Time
Out

Correct Answer : D