

University of Mumbai
Examination 2020

Program: BE Computer Engineering

Curriculum Scheme: Revised 2016

Examination: Third Year Semester V

Course Code: CSDLO5012 and Course Name: Advance Operating System

Time: 1hour

Max. Marks: 50

=====

Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	Bus based network is
Option A:	Cable television
Option B:	The worldwide public telephone system
Option C:	Remote server
Option D:	Client
Q2.	Which of the following is a type of application driven advanced OS?
Option A:	Database OS
Option B:	Multiprocessor OS
Option C:	Distributed OS
Option D:	Core OS
Q3.	Which of the following is not a type of transparency?
Option A:	Access
Option B:	Location
Option C:	Migration
Option D:	Transaction
Q4.	Which of the following is a type of architecture driven advanced OS?
Option A:	Database OS
Option B:	Multiprocessor OS
Option C:	Real Time OS
Option D:	Core OS
Q5.	A Unix file may be of the type :
Option A:	Regular file
Option B:	Distributed file
Option C:	complex file
Option D:	same file

University of Mumbai
Examination 2020

Q6.	'fork' system call is used to
Option A:	Open a file
Option B:	Close a file
Option C:	Create new process
Option D:	End a process
Q7.	which algorithm is used for writing a disk block
Option A:	bwrite
Option B:	dwrite
Option C:	datawrite
Option D:	bufferwrite
Q8.	In UNIX, processes that have finished execution but have not yet had their status collected are known as _____
Option A:	Sleeping processes
Option B:	Stopped Processes
Option C:	Zombie Processes
Option D:	Orphan Processes
Q9.	Which of the following do not belong to queues for processes?
Option A:	Job Queue
Option B:	PCB queue
Option C:	Device Queue
Option D:	Ready queue
Q10.	What will happen when a process terminates?
Option A:	It is removed from all queues
Option B:	It is removed from all, but the job queue
Option C:	Its process control block is de-allocated
Option D:	Its process control block is never de-allocated
Q11.	CPU fetches the instruction from memory according to the value of _____
Option A:	program counter
Option B:	status register
Option C:	instruction register
Option D:	program status word
Q12.	Run time mapping from virtual to physical address is done by _____
Option A:	Memory management unit
Option B:	CPU
Option C:	PCI
Option D:	Keyboard

University of Mumbai
Examination 2020

Q13.	Select goal of DOS
Option A:	Easiness
Option B:	resource allocation
Option C:	Graphical User Interface
Option D:	Reliability
Q14.	Following is not a model of DOS
Option A:	Server pool
Option B:	Workstation
Option C:	Workstation server
Option D:	Processor pool
Q15.	_____ is a special server in Processor pool model
Option A:	switch
Option B:	pool
Option C:	power
Option D:	run
Q16.	Which category of Flynn's come under parallel and distributed computers
Option A:	SIMD
Option B:	MIMD
Option C:	SISD
Option D:	MISD
Q17.	Which network requires more switches?
Option A:	crossbar
Option B:	omega
Option C:	IOS
Option D:	computer
Q18.	NORMA full form
Option A:	No Remote Memory Access
Option B:	No Reboot Memory Access
Option C:	No Remote Main Access
Option D:	No Reboot main Access
Q19.	Scheduler Activations are used to overcome the disadvantages of
Option A:	Kernel Level Threads
Option B:	User Level Threads
Option C:	System level Threads
Option D:	Computer level Threads

University of Mumbai
Examination 2020

Q20.	Medusa OS has the scheduling
Option A:	Smart
Option B:	Affinity
Option C:	Co-scheduling
Option D:	Synchronization
Q21.	Following is characteristics of RTOS
Option A:	Task performance
Option B:	Concurrency
Option C:	Deadlock execution
Option D:	Deadlock handling
Q22.	Robot is an application of which RTOS
Option A:	Hard RTOS
Option B:	Soft RTOS
Option C:	Firm RTOS
Option D:	Good RTOS
Q23.	In which RTOS, system does not fail, but results are discarded after deadline
Option A:	Hard RTOS
Option B:	Soft RTOS
Option C:	Firm RTOS
Option D:	Good RTOS
Q24.	Following is an application of soft RTOS
Option A:	Robots
Option B:	Anti-missile System
Option C:	Satellite-Based Tracking of Enemy Movements
Option D:	Web Browsing
Q25.	Following is examples of Cloud OS
Option A:	Glide
Option B:	Kohi
Option C:	Amo
Option D:	Mysoya