

[Dashboard](#) / [My courses](#) / [Operating System](#) / [General](#) / [Quiz - II](#)

**Started on** Tuesday, 17 November 2020, 12:16 PM

**State** Finished

**Completed on** Tuesday, 17 November 2020, 12:43 PM

**Time taken** 26 mins 41 secs

**Grade** 26.00 out of 30.00 (87%)

### Question 1

Correct

Mark 1.00 out of 1.00

On a movable head system, the time it takes to position the head at the track is known as .....

- ☒ a. seek time
- ☐ b. Rotational Delay
- ☐ c. Access Time



Your answer is correct.

The correct answer is:  
seek time

### Question 2

Correct

Mark 1.00 out of 1.00

The policy used to select the disk I/O request that requires the least movement of the disk arm from its current position is-----

- ☐ a. Last in first out
- ☒ b. Shortest service time first
- ☐ c. Random scheduling



Your answer is correct.

The correct answer is:  
Shortest service time first

**Question 3**

Correct

Mark 1.00 out of 1.00

In ..... policy, when the last track has been visited in one direction, the arm is returned to the opposite end of the disk and the scan begins again.

- ☐ a. Shortest service time first
- ☐ b. Scan
- ☒ c. Circular Scan



Your answer is correct.

The correct answer is:  
Circular Scan

**Question 4**

Correct

Mark 1.00 out of 1.00

Which is not a true member of RAID family, because it does not include redundancy to improve performance

- ☐ a. RAID Level 1
- ☒ b. RAID Level 0
- ☐ c. RAID Level 3



Your answer is correct.

The correct answer is:  
RAID Level 0

**Question 5**

Correct

Mark 1.00 out of 1.00

In the ..... scheme, two different parity calculations are carried out and stored in separate blocks on different disks.

- ☐ a. RAID Level 4
- ☒ b. RAID Level 6
- ☐ c. RAID Level 0



Your answer is correct.

The correct answer is:

RAID Level 6

**Question 6**

Incorrect

Mark 0.00 out of 1.00

swap space \_\_\_\_\_ system performance

- ☒ a. increases
- ☐ b. decreases
- ☐ c. does not affect



Your answer is incorrect.

The correct answer is:

decreases

**Question 7**

Correct

Mark 1.00 out of 1.00

Virtual memory uses disk space as an extension of \_\_\_\_\_

- ☒ a. Main memory
- ☐ b. Secondary Storage
- ☐ c. none of the mentioned



Your answer is correct.

The correct answer is:

Main memory

**Question 8**

Correct

Mark 1.00 out of 1.00

In paging, effective access time is directly proportional to

- ☐ a. memory access time
- ☒ b. page-fault rate
- ☐ c. hit ratio



Your answer is correct.

The correct answer is:

page-fault rate

**Question 9**

Correct

Mark 1.00 out of 1.00

The process copied into the main memory from the secondary memory is -----

- ☒ a. Demand Paging
- ☐ b. Segmentation
- ☐ c. Paging



Your answer is correct.

The correct answer is:  
Demand Paging

**Question 10**

Correct

Mark 1.00 out of 1.00

In Page replacement algorithm, which algorithm chooses the page that has not been used for the longest period of time?

- ☐ a. counting based page replacement algorithm
- ☒ b. least recently used algorithm
- ☐ c. first in first out algorithm



Your answer is correct.

The correct answer is:  
least recently used algorithm

**Question 11**

Correct

Mark 1.00 out of 1.00

Telnet protocol is used to establish a connection to \_\_\_\_\_

- ☐ a. TCP port number 21
- ☒ b. TCP port number 23
- ☐ c. TCP port number 22



Your answer is correct.

The correct answer is:  
TCP port number 23

**Question 12**

Correct

Mark 1.00 out of 1.00

All telnet operations are sent as \_\_\_\_\_ bits

- ☐ a. 4
- ☒ b. 8
- ☐ c. 32



Your answer is correct.

The correct answer is:  
8

**Question 13**

Correct

Mark 1.00 out of 1.00

Physical memory broken into fixed-sized blocks is called

- ☒ a. frames
- ☐ b. pages
- ☐ c. none of the above



Your answer is correct.

The correct answer is:

frames

**Question 14**

Correct

Mark 1.00 out of 1.00

Which of the following page replacement algorithms suffers from Belady's Anomaly?

- ☐ a. Both optimal replacement and FIFO
- ☒ b. FIFO
- ☐ c. Optimal replacement



Your answer is correct.

The correct answer is:

FIFO

**Question 15**

Correct

Mark 1.00 out of 1.00

With paging there is no \_\_\_\_\_ fragmentation.

- ☐ a. either type of
- ☐ b. internal
- ☒ c. External



Your answer is correct.

The correct answer is:

External

**Question 16**

Correct

Mark 1.00 out of 1.00

Paging increases the \_\_\_\_\_ time

- ☒ a. Context Switch
- ☐ b. Execution
- ☐ c. Waiting



Your answer is correct.

The correct answer is:

Context Switch



**Question 17**

Correct

Mark 1.00 out of 1.00

Command to show file system disk usage is ----

- ☐ a. ls
- ☐ b. ds
- ☒ c. du



Your answer is correct.

The correct answer is:

du

**Question 18**

Incorrect

Mark 0.00 out of 1.00

The default shell in Unix Os is -----

- ☒ a. sh
- ☐ b. bsh
- ☐ c. csh



Your answer is incorrect.

The correct answer is:

bsh

**Question 19**

Correct

Mark 1.00 out of 1.00

The first sector on the hard drive is known as \_\_\_\_\_

- ☐ a. Partition table
- ☒ b. Master Boot Record
- ☐ c. Active record



Your answer is correct.

The correct answer is:

Master Boot Record

**Question 20**

Correct

Mark 1.00 out of 1.00

Way to do error checking and correction is -----

- ☒ a. Parity
- ☐ b. mirroring
- ☐ c. stripping



Your answer is correct.

The correct answer is:

Parity

**Question 21**

Correct

Mark 1.00 out of 1.00

The process of placing data across multiple disks is \_\_\_\_\_

- ☐ a. ECC
- ☒ b. Data stripping
- ☐ c. mirroring



Your answer is correct.

The correct answer is:

Data stripping

**Question 22**

Correct

Mark 1.00 out of 1.00

If no frames are free, \_\_\_\_\_ page transfer(s) is/are required

- ☐ a. three
- ☐ b. one
- ☒ c. two



Your answer is correct.

The correct answer is:

two

**Question 23**

Correct

Mark 1.00 out of 1.00

The size of a page is typically

- ☐ a. power of 4
- ☒ b. power of 2
- ☐ c. varied



Your answer is correct.

The correct answer is:  
power of 2

**Question 24**

Correct

Mark 1.00 out of 1.00

Data conceptually interleaved bit-wise over the data disks is -----

- ☒ a. Bit-interleaved, parity disk array
- ☐ b. data stripping
- ☐ c. Block-interleaved, parity disk array



Your answer is correct.

The correct answer is:  
Bit-interleaved, parity disk array

**Question 25**

Correct

Mark 1.00 out of 1.00

Banker's algorithm is used?

- ☒ a. to avoid deadlock
- ☐ b. to recover from
- ☐ c. to detect deadlock



Your answer is correct.

The correct answer is:  
to avoid deadlock

**Question 26**

Incorrect

Mark 0.00 out of 1.00

Option negotiation in Telnet is-----

- ☐ a. Symmetric
- ☒ b. Asymmetric
- ☐ c. varies with respect to system



Your answer is incorrect.

The correct answer is:  
Symmetric

**Question 27**

Correct

Mark 1.00 out of 1.00

What is the Optimal page – replacement algorithm?

- ☐ a. Replace the page that has not been used for a long time
- ☒ b. Replace the page that will not be used for a long time
- ☐ c. Replace the page that has been used for a long time



Your answer is correct.

The correct answer is:

Replace the page that will not be used for a long time

**Question 28**

Correct

Mark 1.00 out of 1.00

When enough total memory space exists to satisfy a request, but it is not contiguous, is termed as-----fragmentation

- ☒ a. External
- ☐ b. Internal
- ☐ c. none of the above



Your answer is correct.

The correct answer is:

External

**Question 29**

Incorrect

Mark 0.00 out of 1.00

FTP client is a \_\_\_\_\_ that move files between two computers over internet

- ☐ a. Hardware
- ☐ b. Software
- ☒ c. Middleware



Your answer is incorrect.

The correct answer is:

Software

**Question 30**

Correct

Mark 1.00 out of 1.00

In FTP, PASV command is initiated by the

- ☐ a. server
- ☒ b. client
- ☐ c. both client and server



Your answer is correct.

The correct answer is:

client

◀ CAE II Question Paper

Jump to...

RETEST LINK ▶



**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

Sathyabama Learning Management System ~Developed by [Cognibot](#)

 [e-Resources](#)

[INFO](#)

[Facebook](#)

[Twitter](#)

[Instagram](#)

[YouTube](#)

GET SOCIAL



---

Copyright © 2020 - cognibotrobotics.com