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Summary

Summary of your recent exam

Result: Pass

Marks: 27/40

Percentage: 67.50 %

Questions: 40

Correct Answers: 27

Attempted: 40

1. A thread is also called _____

Answers

1. Process
2. Light Weight Process
3. Heavy Weight Process
4. Minor Process

2. Which syntax of execl() is correct?

Activities Bar: Notepad, File Manager, Terminal, VS Code, Brave Browser, Disk Management, Recycle Bin, Grid View.

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Percentage: **67.50 %** Attempted: **40**

1. A thread is also called _____

2. Which syntax of execl() is correct?

Answers

1. execl(ls, "/bin/ls", NULL);
2. execl("ls", "ls", NULL);
3. execl("/bin/ls", "ls", NULL);
4. execl(/bin/ls, "ls", NULL);

3. The memory management component is called as ?

4. What are the two types of semaphore?

5. A deadlock can be broken by _____

The screenshot captures a Linux desktop interface with a dark theme. A central window titled 'Sunbeam' is open, displaying a quiz interface. The quiz shows a score of 67.50% and 40 attempts made. Question 1 asks for what a thread is also called, with a blank answer field. Question 2 asks for the correct syntax of the 'execl()' function, listing four options. The sidebar on the left provides navigation links for dashboard, quizzes, feedback, messages, recorded sessions, online sessions, profile, and help. The bottom dock contains icons for a text editor, file manager, terminal, and system monitoring tools. The top bar shows system information like date and battery level.

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Percentage: **67.50 %** Attempted: **40**

1. A thread is also called _____

2. Which syntax of execl() is correct?

3. The memory management component is called as ?

Answers

1. Main memory management

2. Primary memory management

3. RAM

4. All the above

4. What are the two types of semaphore?

5. A deadlock can be broken by _____

Brave Web Browser icon bar: Notepad, Glasses, Back, Gear, VS Code, Sunbeam logo, Document, SSD, Recycle Bin, Grid icon.

Activities Brave Web Browser Tue Aug 1 19:40:57 41 %

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Percentage: **67.50 %** Attempted: **40**

1. A thread is also called _____
2. Which syntax of execl() is correct?
3. The memory management component is called as ?
4. What are the two types of semaphore?

Answers

1. Digital Semaphores and Binary Semaphores
2. Analog Semaphores and Octal Semaphores
3. Counting Semaphores and Binary Semaphores
4. Critical Semaphores and System Semaphores

5. A deadlock can be broken by _____

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Percentage: **67.50 %** Attempted: **40**

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Percentage: **67.50 %** Attempted: **40**

1. A thread is also called _____
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4. Critical Semaphores and System Semaphores

5. A deadlock can be broken by _____

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3. The memory management component is called as ?

4. What are the two types of semaphore?

5. A deadlock can be broken by ____

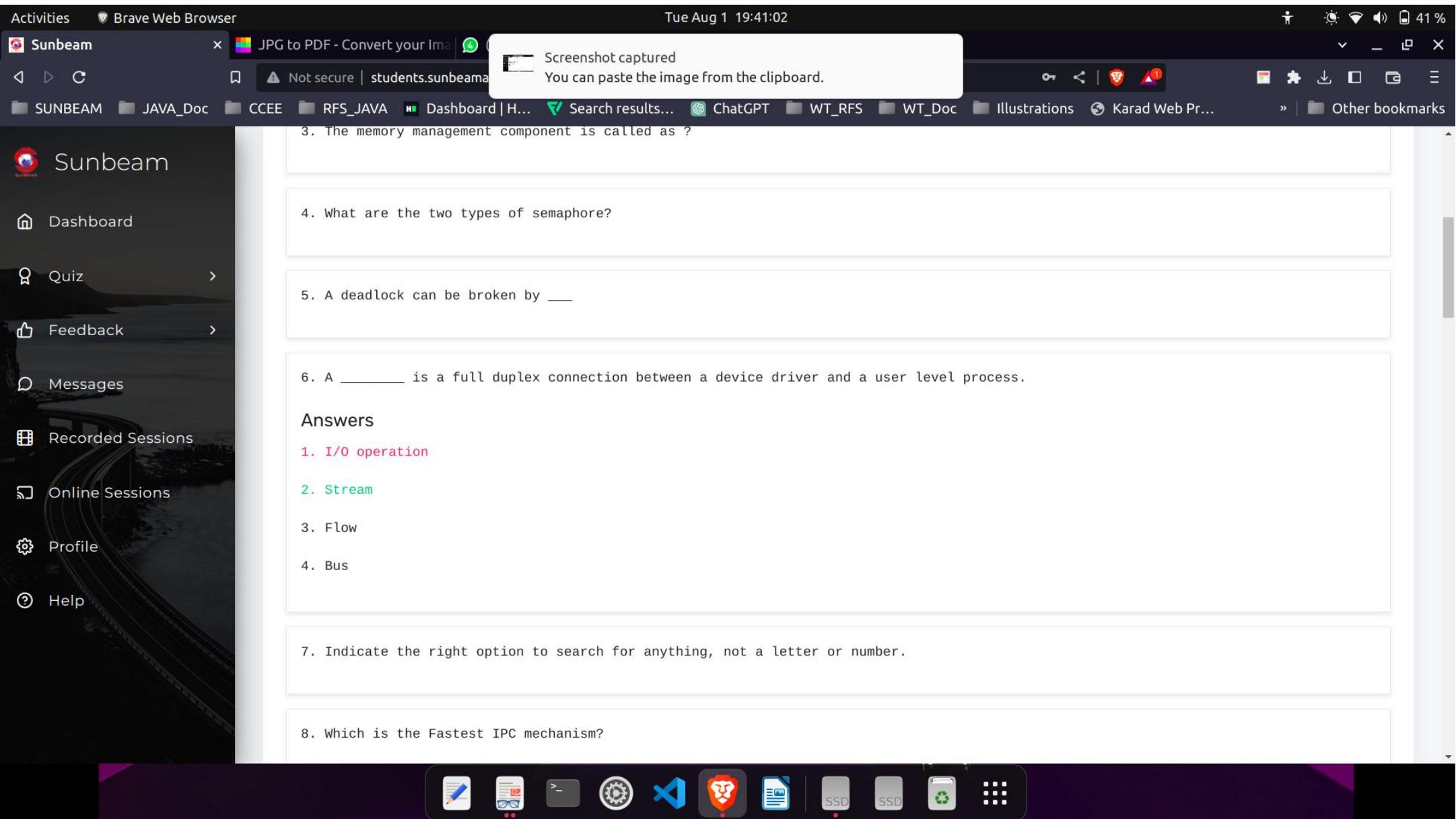
6. A _____ is a full duplex connection between a device driver and a user level process.

Answers

1. I/O operation
2. Stream
3. Flow
4. Bus

7. Indicate the right option to search for anything, not a letter or number.

8. Which is the Fastest IPC mechanism?



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5. A deadlock can be broken by _____

6. A _____ is a full duplex connection between a device driver and a user level process.

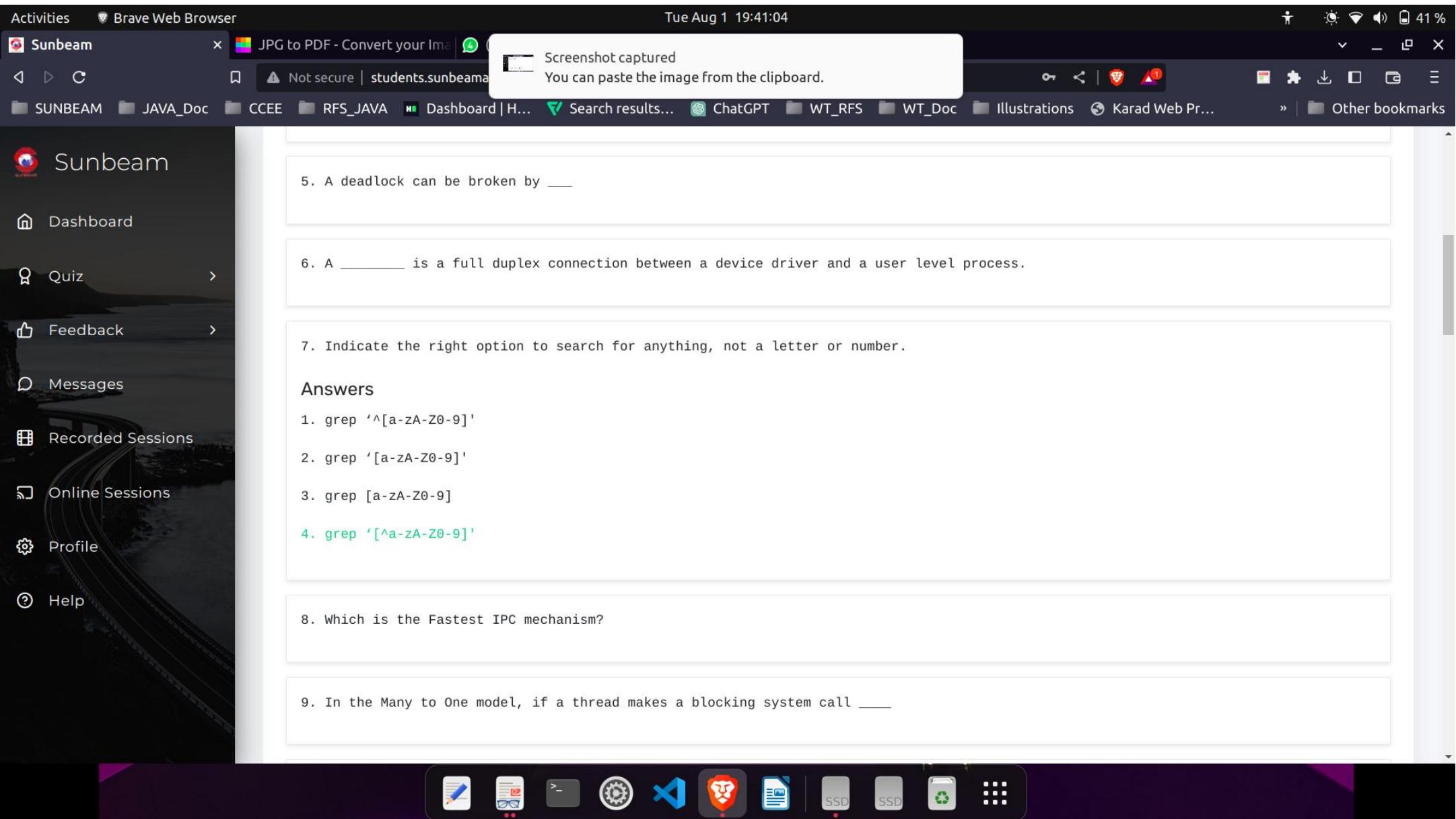
7. Indicate the right option to search for anything, not a letter or number.

Answers

1. grep '^[a-zA-Z0-9]'
2. grep '[a-zA-Z0-9]'
3. grep [a-zA-Z0-9]
4. grep '[^a-zA-Z0-9]'

8. Which is the Fastest IPC mechanism?

9. In the Many to One model, if a thread makes a blocking system call _____



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5. A deadlock can be broken by _____

6. A _____ is a full duplex connection between a device driver and a user level process.

7. Indicate the right option to search for anything, not a letter or number.

8. Which is the Fastest IPC mechanism?

Answers

1. FIFO
2. Pipe
3. Shared Memory
4. Queue

9. In the Many to One model, if a thread makes a blocking system call _____

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8. Which is the Fastest IPC mechanism?

9. In the Many to One model, if a thread makes a blocking system call _____

Answers

1. the entire process will be blocked
2. a part of the process will stay blocked, with the rest running
3. the entire process will run
4. none of the mentioned above

10. Under the initialization state shell checks which of the following file?

11. Which option of ls command used to view file inode number?

12. The following command displays _____
terminal> stat -c %A text.txt



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8. Which is the Fastest IPC mechanism?

9. In the Many to One model, if a thread makes a blocking system call _____

10. Under the initialization state shell checks which of the following file?

Answers

1. /etc/profile

2. /etc/apt

3. /bin

4. None of the above

11. Which option of ls command used to view file inode number?

12. The following command displays _____
terminal> stat -c %A text.txt

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8. Which is the Fastest IPC mechanism?

9. In the Many to One model, if a thread makes a blocking system call _____

10. Under the initialization state shell checks which of the following file?

11. Which option of ls command used to view file inode number?

Answers

1. -u
2. -l
3. -o
4. -i

12. The following command displays _____
terminal> stat -c %A text.txt

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9. In the Many to One model, if a thread makes a blocking system call _____

10. Under the initialization state shell checks which of the following file?

11. Which option of ls command used to view file inode number?

12. The following command displays _____
terminal> stat -c %A text.txt

Answers

1. access rights in human readable form
2. file size of text.txt
3. inode number of text.txt
4. file type of text.txt

13. In operating system a state is safe, if_____

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12. The following command displays _____
terminal> stat -c %A text.txt

13. In operating system a state is safe, if_____

Answers

1. The system does not crash due to deadlock occurrence
2. The system can allocate resources to each process in some order and still avoid a deadlock
3. The state keeps the system protected and safe
4. All of above

14. The process of saving the context of one process and loading the context of other process is known as _____?

15. The run time mapping from virtual to physical addresses is done by a hardware device called the _____

16. To ensure that the hold and wait condition never occurs in the system, it must be ensured that _____



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12. The following command displays _____
terminal> stat -c %A text.txt

13. In operating system a state is safe, if_____

14. The process of saving the context of one process and loading the context of other process is known as _____?

Answers

1. Context Switching

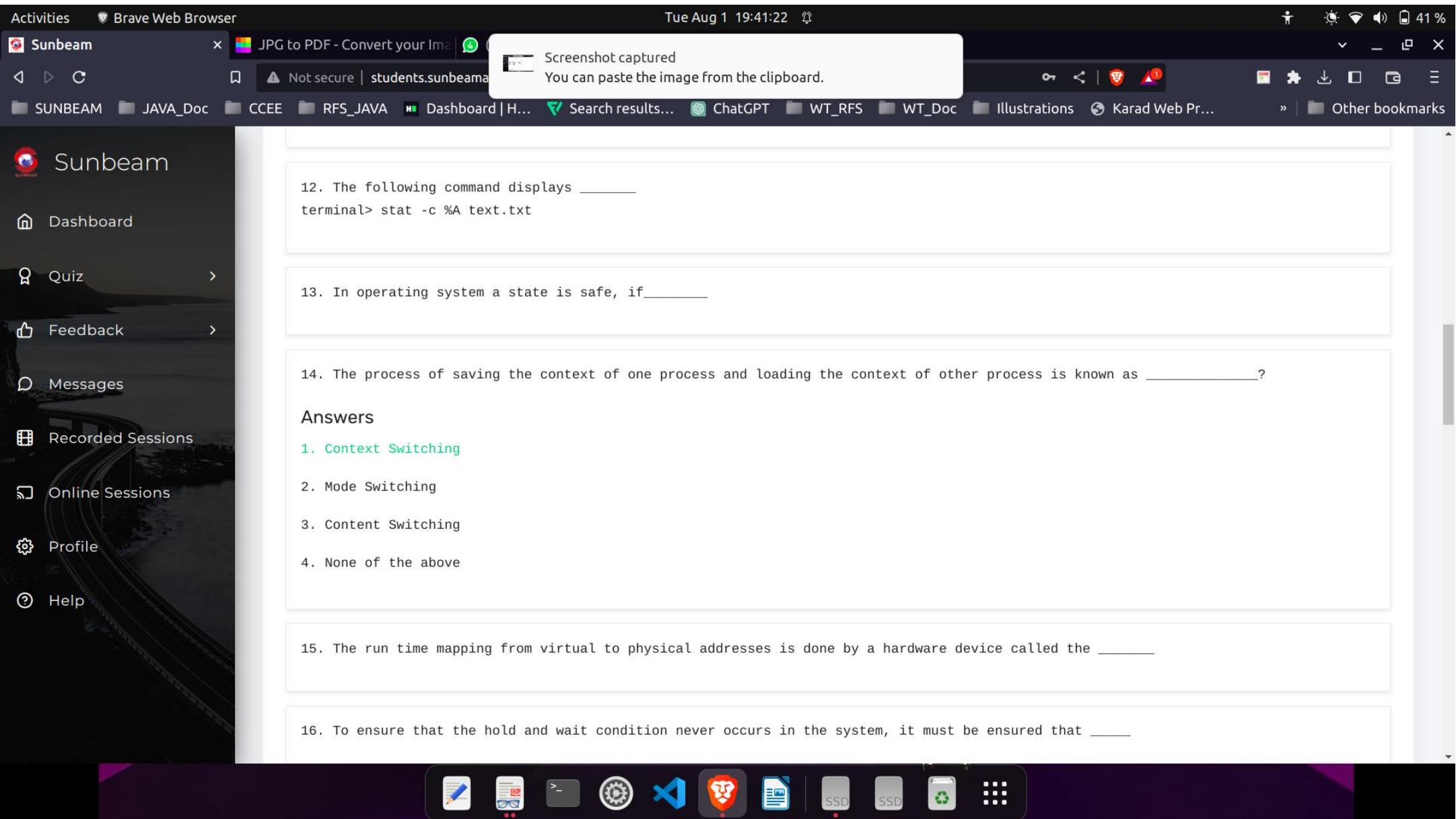
2. Mode Switching

3. Content Switching

4. None of the above

15. The run time mapping from virtual to physical addresses is done by a hardware device called the _____

16. To ensure that the hold and wait condition never occurs in the system, it must be ensured that _____



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12. The following command displays _____
terminal> stat -c %A text.txt

13. In operating system a state is safe, if_____

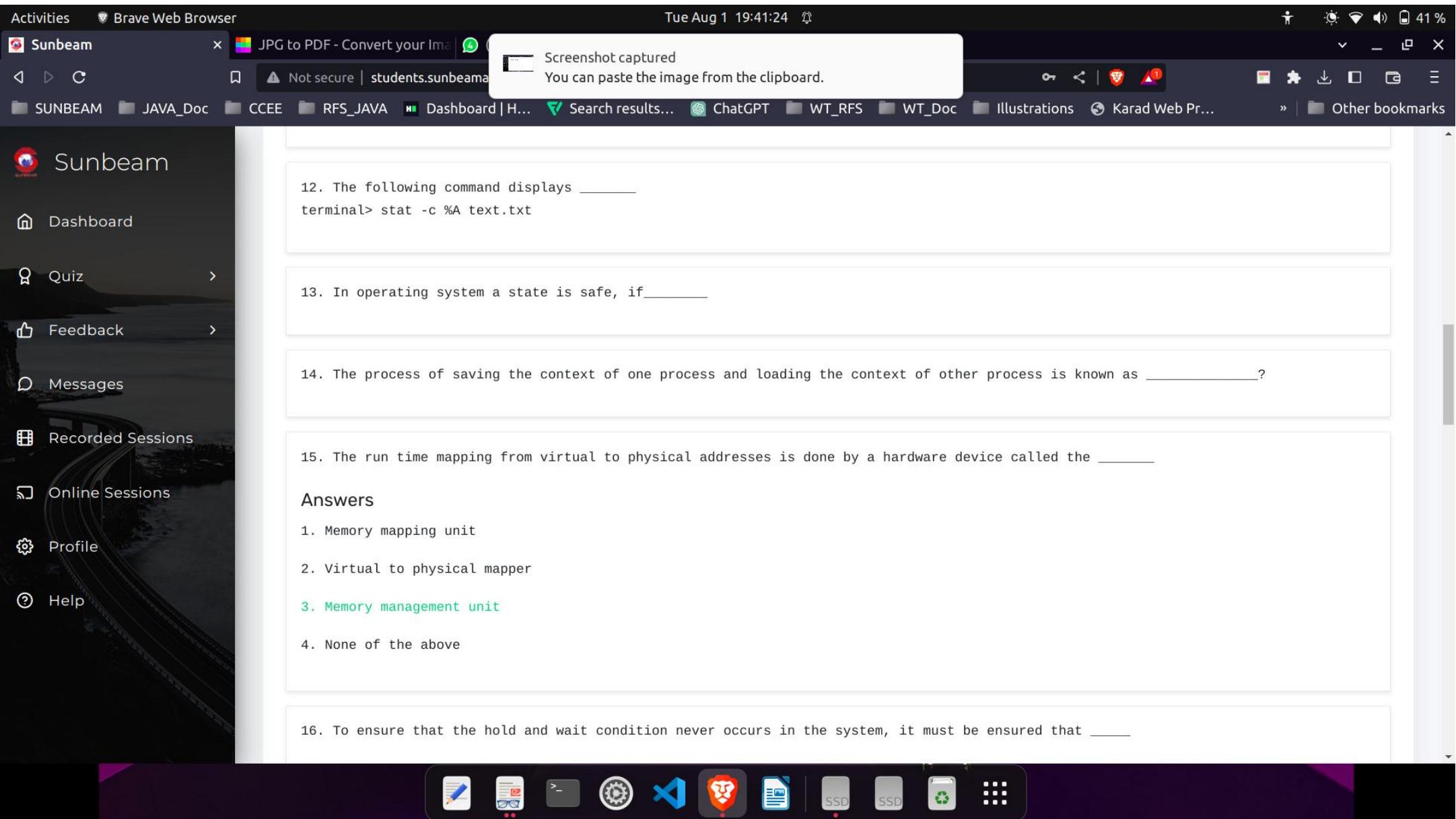
14. The process of saving the context of one process and loading the context of other process is known as _____?

15. The run time mapping from virtual to physical addresses is done by a hardware device called the _____

Answers

1. Memory mapping unit
2. Virtual to physical mapper
3. Memory management unit
4. None of the above

16. To ensure that the hold and wait condition never occurs in the system, it must be ensured that _____



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13. In operating system a state is safe, if _____

14. The process of saving the context of one process and loading the context of other process is known as _____?

15. The run time mapping from virtual to physical addresses is done by a hardware device called the _____

16. To ensure that the hold and wait condition never occurs in the system, it must be ensured that _____

Answers

1. whenever a resource is requested by a process, it is not holding any other resources

2. a process can request resources only when it has none

3. each process must request and be allocated all its resources before it begins its execution

4. all of the above

17. Which one would you consider as an event ?

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14. The process of saving the context of one process and loading the context of other process is known as _____?

15. The run time mapping from virtual to physical addresses is done by a hardware device called the _____

16. To ensure that the hold and wait condition never occurs in the system, it must be ensured that _____

17. Which one would you consider as an event ?

Answers

1. System call
2. Interrupt

18. Write the command to display the current date in the form dd/mm/yyyy.

19. The necessary conditions needed before deadlock can occur?

20. Which of the following command used to display the name of the operating system?



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14. The process of saving the context of one process and loading the context of other process is known as _____?

15. The run time mapping from virtual to physical addresses is done by a hardware device called the _____

16. To ensure that the hold and wait condition never occurs in the system, it must be ensured that _____

17. Which one would you consider as an event ?

18. Write the command to display the current date in the form dd/mm/yyyy.

Answers

1. date +%dd/%mm/%yy
2. date +%d/%m/%Y
3. date +%dd/%mm/%yyyy
4. None of the above

19. The necessary conditions needed before deadlock can occur?



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17. Which one would you consider as an event ?

18. Write the command to display the current date in the form dd/mm/yyyy.

19. The necessary conditions needed before deadlock can occur?

Answers

1. No Mutual Exclusion, Hold and Wait, Preemption, Circular Wait
2. Mutual Exclusion, No Hold and Wait, Preemption, Circular Wait
3. Mutual Exclusion, Hold and Wait, No Preemption, Circular Wait
4. Mutual Exclusion, Hold and Wait, Preemption, No Circular Wait

20. Which of the following command used to display the name of the operating system?

21. Create a new file "new.txt" that is a concatenation of "file1.txt" and "file2.txt"

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17. Which one would you consider as an event ?

18. Write the command to display the current date in the form dd/mm/yyyy.

19. The necessary conditions needed before deadlock can occur?

20. Which of the following command used to display the name of the operating system?

Answers

1. `uname -m`
2. `uname -r`
3. `uname -n`
4. `uname -o`

21. Create a new file "new.txt" that is a concatenation of "file1.txt" and "file2.txt"



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19. The necessary conditions needed before deadlock can occur?

20. Which of the following command used to display the name of the operating system?

21. Create a new file "new.txt" that is a concatenation of "file1.txt" and "file2.txt"

Answers

1. cp file.txt file2.txt new.txt
2. cat file1.txt file2.txt > new.txt
3. mv file[12].txt new.txt
4. ls file1.txt file2.txt | new.txt

22. Which of the following CPU scheduling algorithm ensures minimum response time?

23. Which of the following CPU scheduling algorithm is preemptive?



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20. Which of the following command used to display the name of the operating system?

21. Create a new file "new.txt" that is a concatenation of "file1.txt" and "file2.txt"

22. Which of the following CPU scheduling algorithm ensures minimum response time?

Answers

1. FCFS
2. SJF
3. Round Robin
4. Priority

23. Which of the following CPU scheduling algorithm is preemptive?

24. Concurrent access to shared data may result in _____.

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21. Create a new file "new.txt" that is a concatenation of "file1.txt" and "file2.txt"

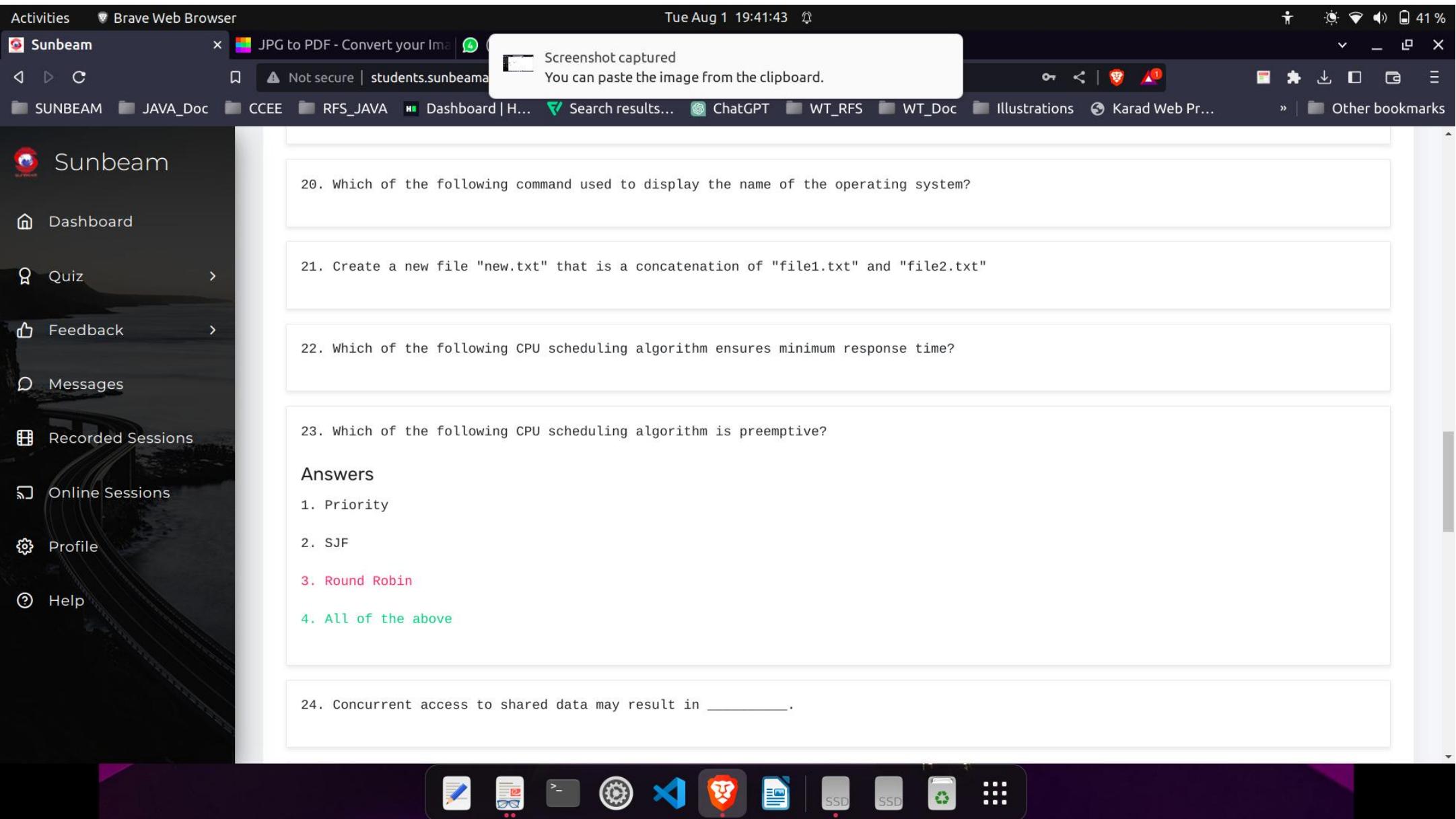
22. Which of the following CPU scheduling algorithm ensures minimum response time?

23. Which of the following CPU scheduling algorithm is preemptive?

Answers

1. Priority
2. SJF
3. Round Robin
4. All of the above

24. Concurrent access to shared data may result in _____.



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21. Create a new file "new.txt" that is a concatenation of "file1.txt" and "file2.txt"

22. Which of the following CPU scheduling algorithm ensures minimum response time?

23. Which of the following CPU scheduling algorithm is preemptive?

24. Concurrent access to shared data may result in _____.

Answers

1. data consistency
2. data insecurity
3. **data inconsistency**
4. none of the above mentioned

25. _____ CPU scheduling algorithm ensures minimum waiting time.

26. Total amount of time required for a process for waiting in a ready queue to get control of the CPU from its time of submission is c

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23. Which of the following CPU scheduling algorithm is preemptive?

24. Concurrent access to shared data may result in _____.

25. _____ CPU scheduling algorithm ensures minimum waiting time.

Answers

1. FCFS
2. SJF
3. Priority
4. Round Robin

26. Total amount of time required for a process for waiting in a ready queue to get control of the CPU from its time of submission is c

27. Which of the following is not the CPU scheduling criteria



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24. Concurrent access to shared data may result in _____.

25. _____ CPU scheduling algorithm ensures minimum waiting time.

26. Total amount of time required for a process for waiting in a ready queue to get control of the CPU from its time of submission is called as _____.

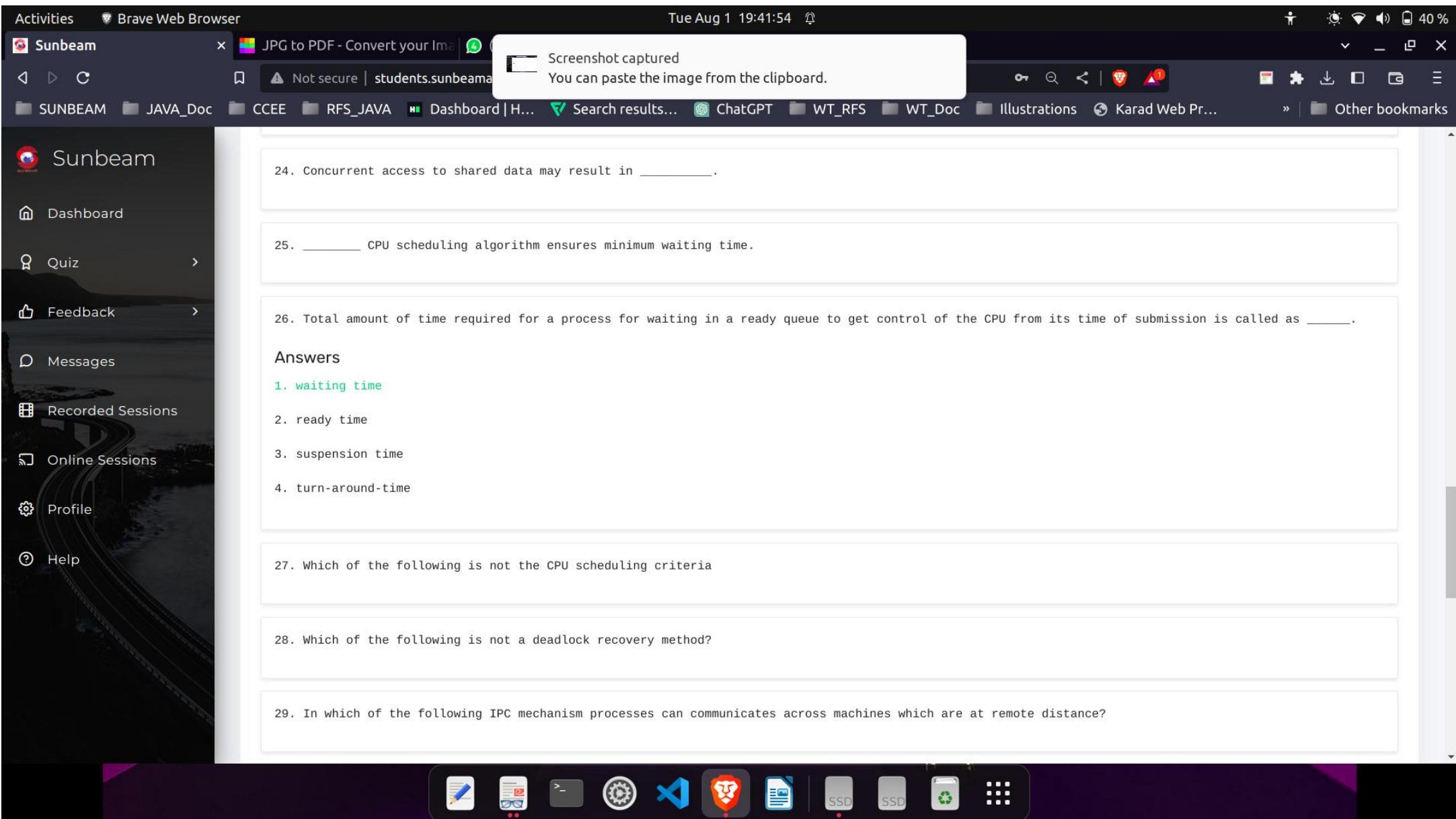
Answers

1. waiting time
2. ready time
3. suspension time
4. turn-around-time

27. Which of the following is not the CPU scheduling criteria

28. Which of the following is not a deadlock recovery method?

29. In which of the following IPC mechanism processes can communicate across machines which are at remote distance?



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24. Concurrent access to shared data may result in _____.

25. _____ CPU scheduling algorithm ensures minimum waiting time.

26. Total amount of time required for a process for waiting in a ready queue to get control of the CPU from its time of submission is called _____.

27. Which of the following is not the CPU scheduling criteria

Answers

1. Throughput
2. Waiting Time
3. Response Time
4. Execution Time

28. Which of the following is not a deadlock recovery method?

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25. _____ CPU scheduling algorithm ensures minimum waiting time.

26. Total amount of time required for a process for waiting in a ready queue to get control of the CPU from its time of submission is called _____.

27. Which of the following is not the CPU scheduling criteria

28. Which of the following is not a deadlock recovery method?

Answers

1. Process termination
2. Resource preemption
3. **Process suspension**
4. None of the above

29. In which of the following IPC mechanism processes can communicate across machines which are at remote distance?

30. Which of the IPC mechanism is faster?

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27. Which of the following is not the CPU scheduling criteria

28. Which of the following is not a deadlock recovery method?

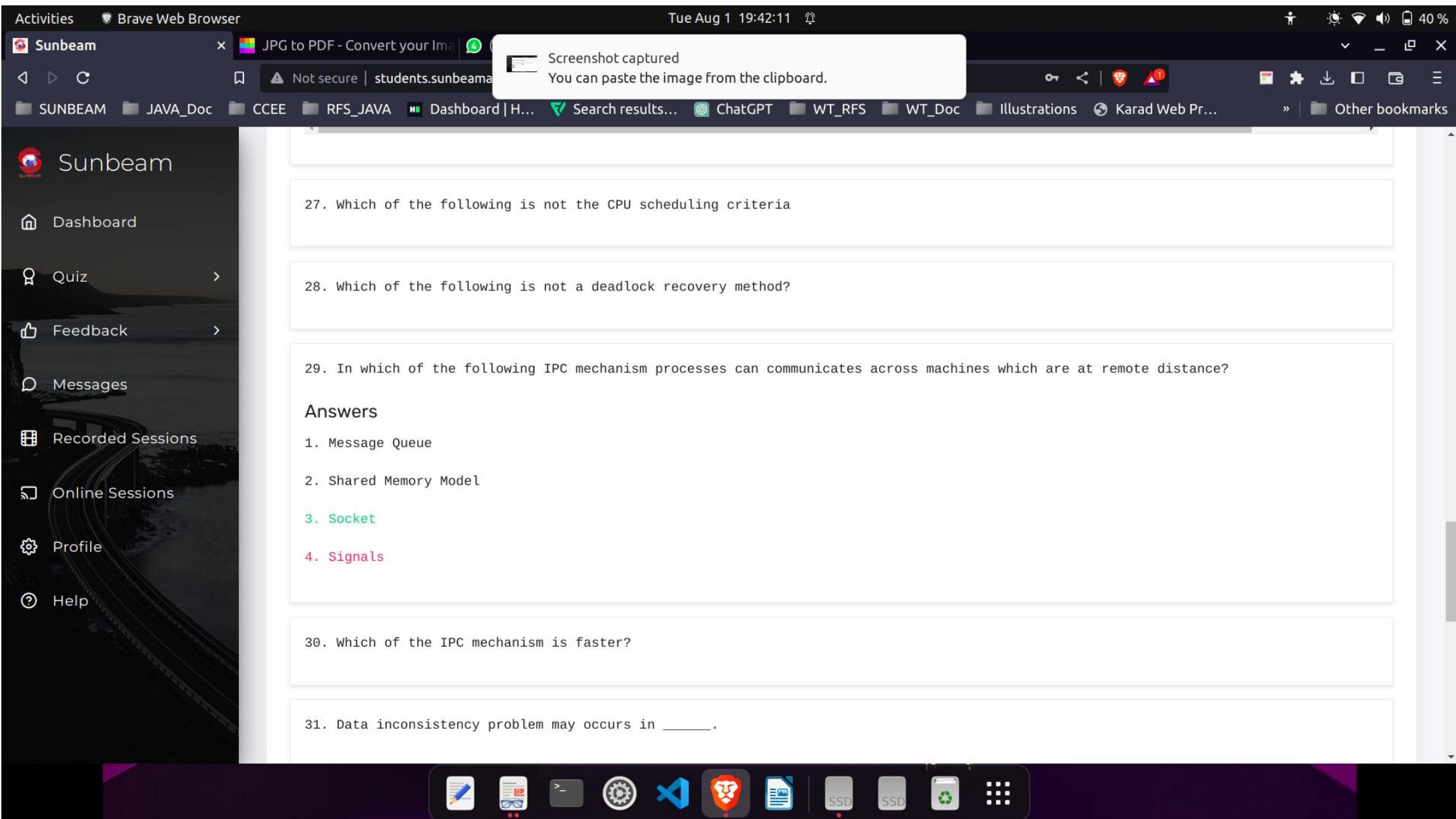
29. In which of the following IPC mechanism processes can communicate across machines which are at remote distance?

Answers

1. Message Queue
2. Shared Memory Model
3. **Socket**
4. Signals

30. Which of the IPC mechanism is faster?

31. Data inconsistency problem may occurs in _____.



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28. Which of the following is not a deadlock recovery method?

29. In which of the following IPC mechanism processes can communicate across machines which are at remote distance?

30. Which of the IPC mechanism is faster?

Answers

1. Pipe
2. Message Queue
3. Socket
4. Shared Memory Model

31. Data inconsistency problem may occurs in _____.

32. In which of the following IO technique utilization of the CPU is maximum?

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28. Which of the following is not a deadlock recovery method?

29. In which of the following IPC mechanism processes can communicate across machines which are at remote distance?

30. Which of the IPC mechanism is faster?

31. Data inconsistency problem may occur in _____.

Answers

1. Critical Section Problem
2. Race Condition
3. Both A & B
4. None of the above

32. In which of the following IO technique utilization of the CPU is maximum?

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29. In which of the following IPC mechanism processes can communicate across machines which are at remote distance?

30. Which of the IPC mechanism is faster?

31. Data inconsistency problem may occurs in _____.

32. In which of the following IO technique utilization of the CPU is maximum?

Answers

1. Interrupt IO
2. Direct Memory Access
3. Program Driven IO
4. All of the above
5. None of the above

33. Compression of digital data for efficient storage is

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32. In which of the following IO technique utilization of the CPU is maximum?

33. Compression of digital data for efficient storage is

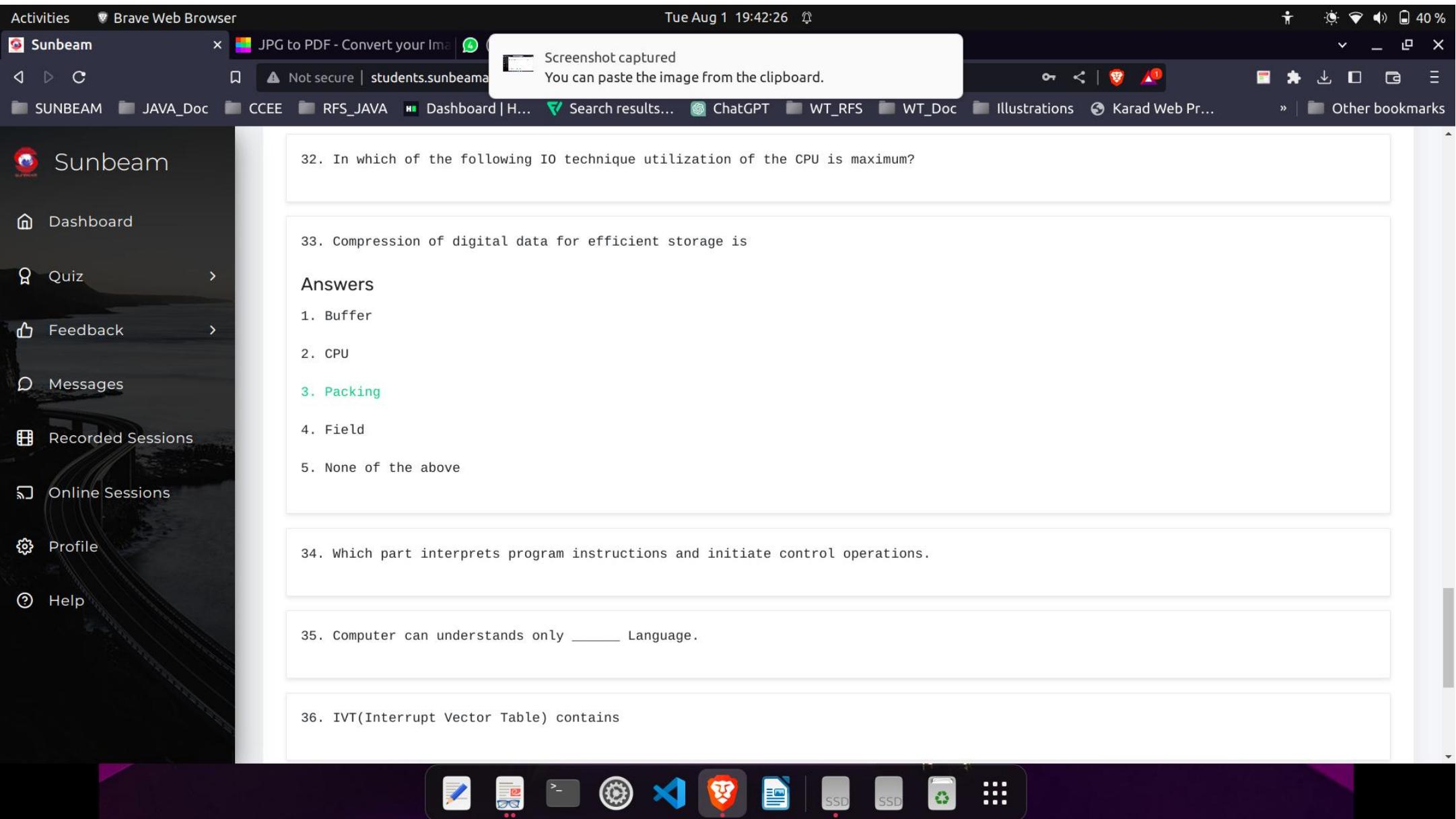
Answers

1. Buffer
2. CPU
- 3. Packing**
4. Field
5. None of the above

34. Which part interprets program instructions and initiate control operations.

35. Computer can understands only _____ Language.

36. IVT(Interrupt Vector Table) contains



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32. In which of the following IO technique utilization of the CPU is maximum?

33. Compression of digital data for efficient storage is

34. Which part interprets program instructions and initiate control operations.

Answers

1. Input

2. Storage Unit

3. Logic Unit

4. Control Unit

5. None of the above

35. Computer can understands only _____ Language.

36. IVT(Interrupt Vector Table) contains

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33. compression of digital data for efficient storage is

34. Which part interprets program instructions and initiate control operations.

35. Computer can understands only _____ Language.

Answers

1. Assembly
2. **Binary**
3. BASIC
4. All of the above

36. IVT(Interrupt Vector Table) contains

37. A memory that does not changes its contents without external causes is known as

38. Which access method is used for obtaining a record from a cassette tape?

The image shows a Linux desktop interface with a dark theme. On the left is a vertical sidebar containing icons for Dashboard, Quiz, Feedback, Messages, Recorded Sessions, Online Sessions, Profile, and Help. The main window is titled "Sunbeam" and displays a series of multiple-choice questions. A tooltip at the top right says "Screenshot captured" and "You can paste the image from the clipboard". At the bottom, there's a dock with icons for a text editor, file manager, terminal, and other applications. The system tray at the very bottom shows battery level at 40% and other status icons.

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33. compression of digital data for efficient storage is

34. Which part interprets program instructions and initiate control operations.

35. Computer can understands only _____ Language.

36. IVT(Interrupt Vector Table) contains

Answers

1. List of Interrupts
2. Addresses of Interrupt Service Routines
3. Priorities of Interrupts
4. None of the above

37. A memory that does not changes its contents without external causes is known as

38. Which access method is used for obtaining a record from a cassette tape?

The image shows a Linux desktop environment with a dark theme. On the left is a sidebar with icons for Sunbeam, Dashboard, Quiz, Feedback, Messages, Recorded Sessions, Online Sessions, Profile, and Help. The main window displays a quiz interface with questions and answers. At the bottom is a dock with icons for various applications like a text editor, file manager, and system tools. The top bar shows the date and time (Tue Aug 1 19:42:32), battery level (40%), and system status.

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33. compression of digital data for efficient storage is

34. Which part interprets program instructions and initiate control operations.

35. Computer can understands only _____ Language.

36. IVT(Interrupt Vector Table) contains

37. A memory that does not changes its contents without external causes is known as

Answers

1. Dynamic Memory
2. Static Memory
3. RAM
4. EEPROM
5. None of the above

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33. compression of digital data for efficient storage is

34. Which part interprets program instructions and initiate control operations.

35. Computer can understands only _____ Language.

36. IVT(Interrupt Vector Table) contains

37. A memory that does not changes its contents without external causes is known as

Answers

1. Dynamic Memory
2. Static Memory
3. RAM
4. EEPROM
5. None of the above

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33. compression of digital data for efficient storage is

34. Which part interprets program instructions and initiate control operations.

35. Computer can understands only _____ Language.

36. IVT(Interrupt Vector Table) contains

37. A memory that does not changes its contents without external causes is known as

Answers

1. Dynamic Memory
2. Static Memory
3. RAM
4. EEPROM
5. None of the above

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37. A memory that does not changes its contents without external causes is known as

38. Which access method is used for obtaining a record from a cassette tape?

Answers

1. Direct access
2. Random access
3. Sequential access
4. All of the above
5. None of the above

39. The smallest unit of data in a computer is _____.

40. Any storage device added to a computer beyond the immediately usable main storage is known as

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37. A memory that does not changes its contents without external causes is known as

38. Which access method is used for obtaining a record from a cassette tape?

39. The smallest unit of data in a computer is _____.

Answers

1. Byte

2. Nibble

3. Bit

4. Word

40. Any storage device added to a computer beyond the immediately usable main storage is known as

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37. A memory that does not changes its contents without external causes is known as

38. Which access method is used for obtaining a record from a cassette tape?

39. The smallest unit of data in a computer is _____.

40. Any storage device added to a computer beyond the immediately usable main storage is known as

Answers

1. Floppy Disk
2. Hard Disk
3. Backing Store
4. Punched Card
5. None of the above

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