

Question # 5 of 10 (Start time: 12:18:25 AM, 25 July 2023)

Total Marks:

Mutexes, Semaphores, Events, and Critical Section are the four synchronization objects provided by _____.

Select the correct option

 Reload Math Equations

☒	Windows
☐	Processor
☐	RAM
☐	Software

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 10 (Start time: 12:14:13 AM, 25 July 2023)

Total Marks: 10

_____ variables should not be accessible globally.

Select the correct option

Reload Math Equation

- ☐ Integer
- ☒ Locally required
- ☐ Long
- ☐ String

Click to Save Answer & Move to Next Question

Question # 2 of 10 (Start time: 12:15:08 AM, 25 July 2023)

Total Mark:

Mutexes and CRITICAL_SECTIONS are similar in the sense that they are used _____.

Select the correct option

Reload Math Equations

- ☒ to achieve the same goal
- ☐ to return the same value.
- ☐ to target the same function.
- ☐ to count the timer values.

Question # 3 of 10 (Start time: 12:16:08 AM, 25 July 2023)

Total Mark

Make a variable _____ if you know it includes thread-specific information.

Select the correct option

 Reload Math Equations

☐	static
☐	random
☒	local
☐	global

 Click to Save Answer & Move to Next Question

Question # 4 of 10 (Start time: 12:17:28 AM, 25 July 2023)

Total Mark

CRITICAL_SECTION Objects do not have_____.

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|-----------|
| ☐ | loops |
| ☐ | process |
| ☒ | handles |
| ☐ | variables |

Click to Save Answer & Move to Next Question

Question # 6 of 10 (Start time: 12:19:24 AM, 25 July 2023)

Total Mark

Producer consumer problem is a classical problem in_____.

Select the correct option

 Reload Math Equations

- ☐ multi exclusion
- ☐ mutual process
- ☒ mutual exclusion
- ☐ object exclusion

Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 12:20:15 AM, 25 July 2023)

Total Mark

_____ are classified as either manual-reset or auto-reset.

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|------------|
| ☐ | Threads |
| ☐ | Semaphores |
| ☐ | Mutexes |
| ☒ | Events |

[Click to Save Answer & Move to Next Question](#)

Question # 8 of 10 (Start time: 12:21:20 AM, 25 July 2023)

Total Mark

The result of concurrent processing and normal processing_____.

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|--------------------------|
| ☐ | Is always different |
| ☐ | Is always same |
| ☒ | May differ in some cases |
| ☐ | Yield same output |

Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 12:22:26 AM, 25 July 2023)

Total Marks

Interlocked functions are _____to use.

Select the correct option

 Reload Math Equations☒ simpler, faster, and easy☐ simpler, easy, but slow☐ not simpler, but faster and easy☐ simpler, faster, but hard[Click to Save Answer & Move to Next Question](#)

Question # 10 of 10 (Start time: 12:23:51 AM, 25 July 2023)

Total Mark

Using the critical section construct is _____and intuitive.

Select the correct option

Reload Math Equations

☒ Easy☐ difficult☐ Short☐ Long