CS & IT ENGINEERING

Operating System

Process Management

DPP 02

Discussion Notes

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01 Question

02 Discussion

Q.1

Consider the following statements:

(i) Program when utilizing computer's resources is known as process. True

(ii) A program performing, I/O operation is considered as a process. True

Which of the following is correct? [MCQ]

A. Only (i) is correct.

B. Only (ii) is correct.

C. Both (i) and (ii) are correct. ✓

D. Both (i) and (ii) are incorrect.

Q.2

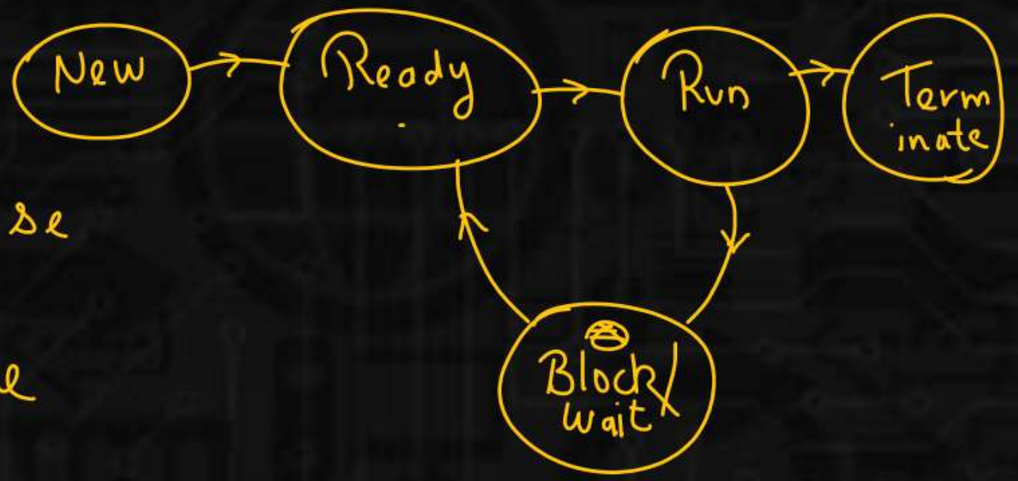
Which of the following is/are correct? [MSQ]

A. A process is an instance of a program. True

B. A program loaded into main memory but it is not running currently is known as process. True

C. Program is created from a process. False

D. Process is created from a program. True



Q.3

Match the following:

(i) Context switching	1. Dispatcher
(ii) Message passing	2. Long term Scheduler
(iii) Degree of multiprogramming	3. Process creation
(iv) Fork()	4. Inter process communication

Select the correct code from the following: [MCQ]

A. (i)- 4, (ii)- 1, (iii)- 2, (iv)- 3

B. (i)- 4, (ii)- 1, (iii)- 3, (iv)- 2

C. (i)- 1, (ii)- 4, (iii)- 3, (iv)- 2

D. (i)- 1, (ii)- 4, (iii)- 2, (iv)- 3

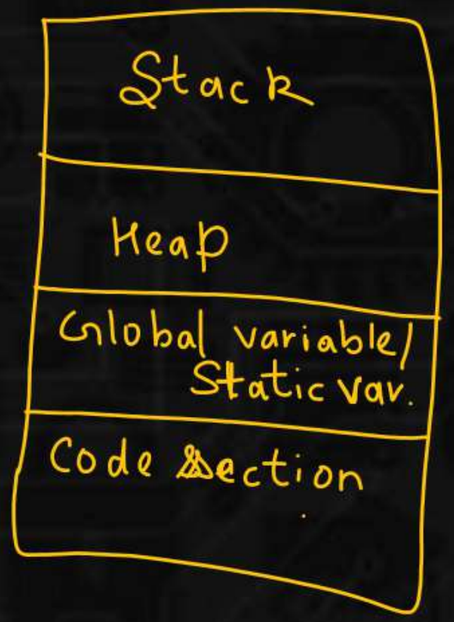
Q.4 The memory area where all instructions of a program is stored is known as_____. **[MCQ]**

A. Heap

B. Program Block

C. Code section

D. Instruction space.



Q.5

Runtime stack contains ____ of function calls.

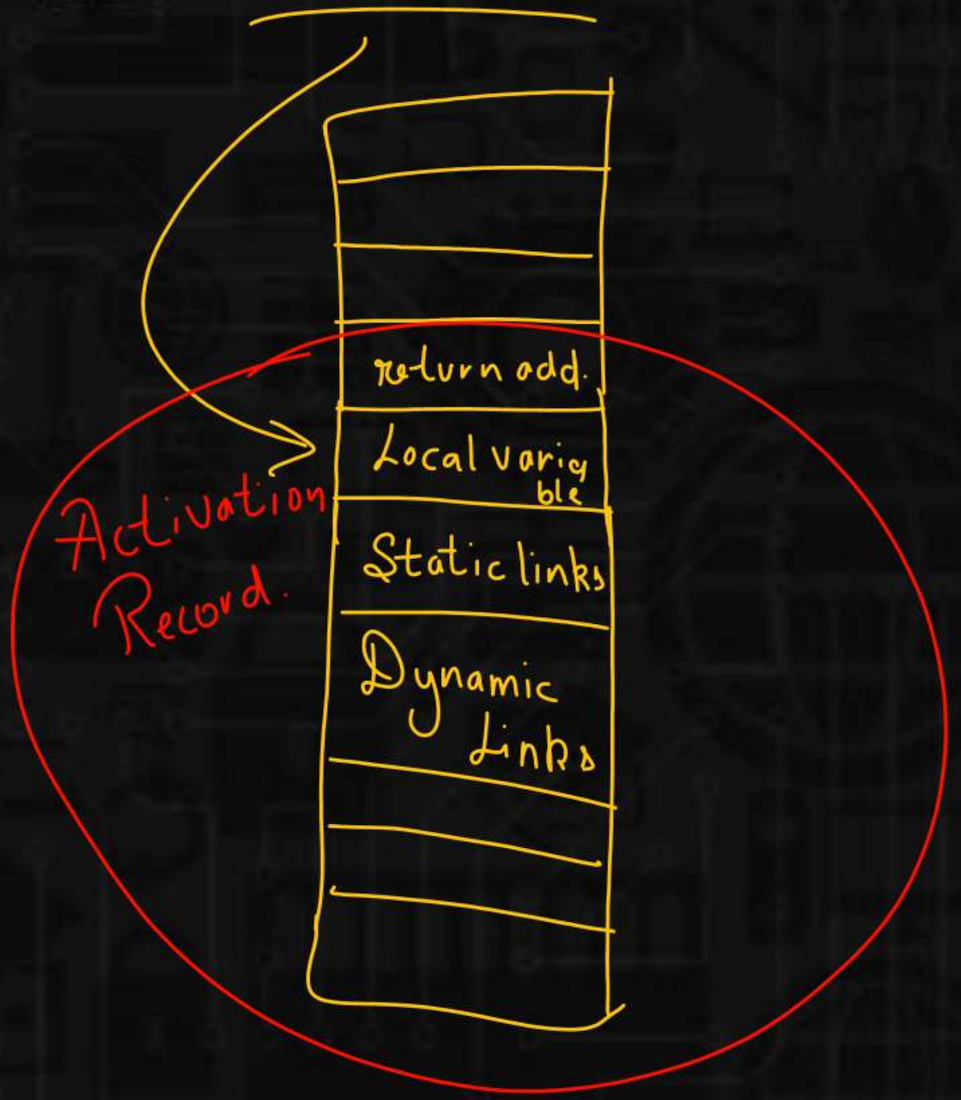
[MCQ]

A. Code

B. Activation record

C. Dynamic data

D. Instructions



Q.6

How many of the following operations can be performed on a process?

[NAT]

(i) Creation

(ii) Dispatch

(iii) Execute

(iv) Block

(v) Terminate

5

Q.7

Which of the following is/are correct?

[MSQ]

A. A suspended process resides in memory. False

B. A blocked process resides in memory. True

C. A suspended process resides on disk. True

D. A blocked process resides on disk. False

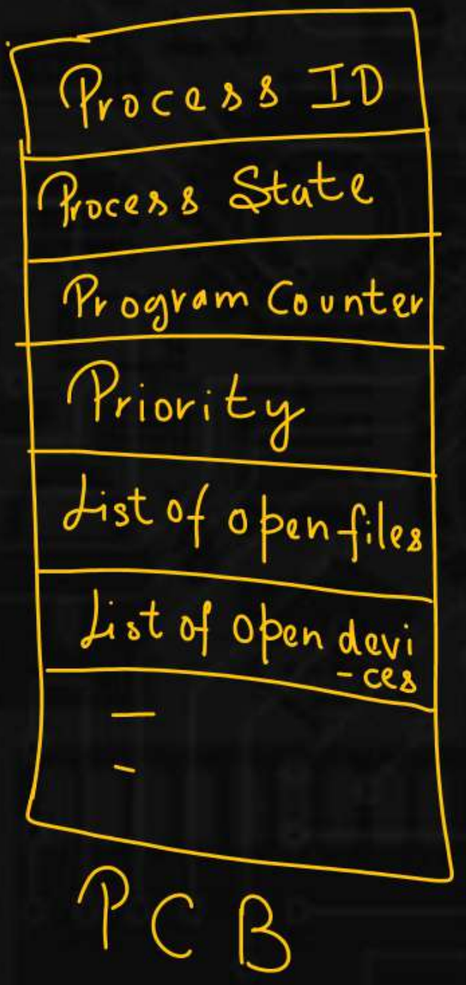
Q.8 Information stored inside a process control block is known as_____ of process. **[MCQ]**

A. Schedule

B. Details

C. Context.

D. Data



THANK YOU GW
SOLDIERS !