

# Quiz 1

OPERATING SYSTEMS, FALL 2017

NAME:\_\_\_\_\_ ROLL#:\_\_\_\_\_

*Instructions: Time for the quiz is 10 minutes.*

**Total marks: 20**

**Problem 1 (2 points):** The other name of a resource allocator in a computer system is \_\_\_\_\_

**Problem 2 (2 points):** A personal computer does not do anything productive until the user generates an \_\_\_\_\_.

**Problem 3 (2 points):** \_\_\_\_\_ cycle lies at the core of computing machinery.

**Problem 4 (2 points):** The device controllers are connected to the CPU and Memory using \_\_\_\_\_ .

**Problem 5 (2 points):** \_\_\_\_\_ always resides in the memory, when a computer system is running.

**Problem 6 (2 points):** In the result of an interrupt the address of Interrupt Service Routine is reached through \_\_\_\_\_

**Problem 7 (2 points):** \_\_\_\_\_ is responsible for executing transfer between I/O and memory.

**Problem 8 (2 points):** In order to interact with the Unix operating system and the underlying hardware one must use the \_\_\_\_\_ interface.

**Problem 9 (2 points):** Micro kernel architecture has three modules inside the kernel: (1) memory management (2) CPU scheduling and (3)\_\_\_\_\_.

**Problem 10 (2 points):** Pointer to the arguments of a system call are passed using the kernel stack or a \_\_\_\_\_.

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