9 **(a)** The kernel is the central component of an Operating System (OS).

Outline how the kernel of an OS acts as an interrupt handler.

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..... [2]

(b) **(i)** State what is meant by the term **multi-tasking** in an Operating System.

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..... [1]

(ii) Describe how multi-tasking is implemented in an Operating System.

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..... [2]