TMA3 CIT246: Introduction to Computer Organisation

1. Micro-instructions can be classified by the following options EXCEPT?
   Ans: **conditional non-branching micro-instruction**

2. The structure of a CPU in modern form (IAS computer) consists of the following registers EXCEPT?
   ANS: **Control logic**

3. Which of the following options is not an addressing scheme?
   ANS: **Delayed Addressing**

4. The operations specified in instructions can be categorised into the following EXCEPT?
   ANS: **Keyboard operations**

5. Operands which can be used in an instruction can be categorised into all the following options EXCEPT?
   ANS: **Registers**

6. Which option is NOT an example of the flags (condition codes) used by registers for the control of various operations?
   ANS: **Memory flag**

7. A simple instruction cycle consists of the following steps EXCEPT?
   ANS: **Reading the control signal**

8. Which option is NOT an input to the control unit?
   ANS: **Direct memory access**

9. Which option is a major component of \"Wilkes\" Control micro-instruction?
   ANS: **address field**

10. The following options present basic responsibilities of the control unit EXCEPT?
    ANS: **Arithmetical operations on data in registers**