



Benha University
Faculty of Engineering (Shoubra)
Electrical Engineering Department
1st year Electrical Power

Computer Programming
2nd Semester 2013/2014
Midterm Exam
Time: 40 Min.

[1] Write the output of the given MATLAB commands: **(10 Points)**

- (a) $A=(1:8)$; $A([10\ 12])=[7\ 8]$, $A(12)=[]$, $A([5\ 8])=[]$, $A(6:end)=[]$, $\max(A)$
(b) $B=(10:10:100)$; $B(4)=50$, $B(8:10)=[10\ 20\ 30]$, $B(12)=120$, $B(13:15)=[4\ 6\ 8]$,
(c) $C=(2:0.1:3)$; $C(7)$, $C(1:3)$, $C(4:2:end)$, $C(7:-2:1)$, $C(3:2:7)$, $C([9\ 4\ 7\ 2])$, $\text{length}(C)$
(d) $\text{fix}(-6.7)$, $\text{floor}(-6.7)$, $\text{ceil}(-6.7)$, $\text{round}(-6.7)$

[2] What are the functions of the following MATLAB commands: **(5 Points)**

- (a) rand , randint (b) tril , load (c) floor , fix
(d) helpwin , dbtype (e) format long g , format short eng



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