



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

Computer Programming
2nd Semester 2012/2013
Midterm Exam
Time: 1hr

[1] Write the output of the given MATLAB commands:

- (a) `B3=rem(-35,4), mod(-35,4), rem(-22,-3),mod(-22,-3)`
- (b) `fix(-2.3), floor(-2.3), ceil(-2.3), round(-2.3)`
- (c) `X=(0:0.1:1); X(4),X(1:6), X(7:end),X(3:-1:1), X(2:2:7),X([10 3 8 1])`
- (d) `B=(0:9); B(3:2:end), B(4)=8, B(7:9)=[1 1 1], B(13)=13, B(11:13)=[5 6 7]`
- (e) `B=(0:9); B([12 14])=[12 15],B(13)=[], B([1 3])=[], B(3:end)=[]`

[2] What are the functions of the following MATLAB commands:

- (a) `clc, clear, clg, clf` (b) `who, whos, what, ls, dir` (c) `repmat, reshape, find`
- (d) `cd, pwd, mkdir elec` (e) `sub2ind, ind2sub, logical`



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Dr: Mohamed Fathy