

## CLASS TEST-03

Total points 9/15 ?

The respondent's email address (adityasingh\_2k19ep005@dtu.ac.in) was recorded on submission of this form.

0 of 0 points

NAME \*

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ROLL NO (2K19/EP/XX) [STRICTLY FOLLOW THIS FORMAT] \*

2K19/EP/005

QUESTION

1 of 1 points

✓ How to stop execution of a running MATLAB program? \* 1/1

- ☐ ctrl+enter
- ☐ ctrl+s
- ☐ ctrl+S
- ☒ none of the above ✓

QUESTION

1 of 1 points

✓ Invalid file name in MATLAB? \* 1/1

- ☐ x678
- ☐ z
- ☐ start
- ☒ 6abc ✓

QUESTION

1 of 1 points

✓ MEX file in MATLAB is for ..... \* 1/1

- ☐ No such file supported by MATLAB
- ☐ Helps to analyses commands in MATLAB
- ☐ Figure plotting in MATLAB
- ☒ allow users to combine C source file with MATLAB file ✓

QUESTION

0 of 1 points

✗ function definition line can be seen by using "help function name" in command window of MATLAB \* 0/1

- ☒ TRUE ✗
- ☐ FALSE

Correct answer

- ☒ FALSE

QUESTION

1 of 1 points

✓ Which of these command can be used to reflect a file from computer hard disk to Matlab workspace? \* 1/1

- ☐ show
- ☐ disp
- ☒ load ✓
- ☐ none of the above

QUESTION

1 of 1 points

✓ Choose correct statement \* 1/1

- ☐ It is not possible to set x-axis on logarithmic scale and y-axis on linear scale in a figure
- ☒ It is possible to set both axes on logarithmic scale in a figure ✓
- ☐ It is not possible to set y-axis on logarithmic scale and x-axis on linear scale in a figure
- ☐ none of the above

QUESTION

1 of 1 points

✓ What will the result if you don't give 'otherwise' statement in the switch structure? \* 1/1

- ☐ ERROR
- ☐ returns zero
- ☐ returns NAN
- ☒ switch structure will still work fine ✓

QUESTION

1 of 1 points

✓ Which command used to save a formatted output in txt file? \* 1/1

- ☐ save
- ☐ disp
- ☒ fprintf ✓
- ☐ formatprint

QUESTION

0 of 1 points

✗ Find correct statement \* 0/1

- ☐ It is not possible to create matrix of strings
- ☐ relational operators can't be applied between strings
- ☐ Strings are vectors
- ☒ none of the above ✗

Correct answer

- ☒ Strings are vectors

QUESTION

0 of 1 points

✗ Identify correct statement about the command `x=linespace(a,b,n)` \* 0/1

- ☐ creates 'n' equally spaced elements between 'a' and 'b'
- ☒ elements spacing are equal and is given by  $(b-a)/(n-1)$  ✗
- ☐ first elements of vector is 'a' and last element of vector is 'b'

☐ statements of vector is 0 and last element of vector is 2

☐ error

Correct answer

☒ error

QUESTION

0 of 1 points

✗ Choose correct statement \*

0/1

☐ roots command calculates maximum 10 roots of polynomial

☐ roots command calculate only real roots of polynomial

☒ fzero calculate all possible real and imaginary roots of equation ✗

☐ none of the above

Correct answer

☒ none of the above

QUESTION

1 of 1 points

✓ A given data set (x,y) follows the formula  $y=a*(x^b)$ . It is possible to find out unknown coefficient 'a' and 'b' using polyfit statement of MATLAB \*

1/1

☒ TRUE ✓

☐ False

QUESTION

1 of 1 points

✓ Array indexing in MATLAB starts from \*

1/1

☐ 0

☒ 1 ✓

☐ -1

☐ none of above

QUESTION

0 of 1 points

✗ x and y are two constants defined in MATLAB having non-zero values upto 12th decimal places. The value of x and y are exactly same upto 10 decimal places. Output of command  $x==y$  will give \*

0/1

☐ logical 0

☒ logical 1 ✗

Correct answer

☒ logical 0

QUESTION

0 of 1 points

✗  $f=@(x) x^3-3*x+5$  \*

0/1

☒ This function works for x as a vector ✗

☐ This function works for x as a constant

☐ such function are not defined in MATLAB

☐ none of above

Correct answer

☒ This function works for x as a constant

