

| SEM | SET | PAPER CODE | TITLE OF THE PAPER |
|-----|------|------------|--------------------|
| II | 2014 | 14PMA2401 | MATLAB |

SECTION - A

Answer all the questions:

 $30 \times 1 = 30$

Choose the correct answer:

- The basic building block of MATLAB is the _____.
 - matrix
 - array
 - vectors
 - graphics
- The MATLAB desktop, by default, consists _____.
 - command window
 - figure window
 - editor window
 - built-in editor
- The general command for list the variables currently in the workspace is _____.
 - what
 - who
 - whos
 - home
- The command $\exp(\pi / 2 * i)$ calculate the quantity _____.
 - $\frac{\pi}{e^{2i}}$
 - $\frac{\pi_i}{e^2}$
 - $\frac{-\pi_i}{e^2}$
 - i
- The length of the command is _____ characters.
 - 4906
 - 4690
 - 4096
 - 4069

6. The command for paged screen display is _____.
- a) smart recall b) pwd
c) more on d) dir
7. The round-off function towards $+\infty$ is _____.
- a) fix b) ceil
c) floor d) round
8. $\sin(x).\cos(x)$ is a command with _____ argument.
- a) scalar b) vector
c) array d) trigonometric
9. _____ converts characters to their ASCII numeric values.
- a) char b) ischar
c) ahs d) code
10. Which one is the built-in logical function?
- a) abs b) asind
c) isinf d) acsc
11. Computation of x^y in vector argument is _____.
- a) x^y b) $\exp(x^y)$
c) $x.^y$ d) $\exp(x)^y$
12. _____ operations done on an element by element basis.
- a) arithmetic b) logical
c) relational d) array
13. Anonymous functions are referred by _____.
- a) inline b) input
c) handles d) look for

14. For the string keyword search, the command is _____.
- a) help
 - b) helpwin
 - c) lookfor
 - d) helpdesk
15. The online help matlab / scribe is for _____.
- a) sparse matrices
 - b) specialized graphs
 - c) scribing characters
 - d) annotation and plot editing
16. In MATLAB, writing, editing, creating and save your own programmes in files called _____.
- a) p-files
 - b) mat files
 - c) mex-files
 - d) m-files
17. Mat-files are written in binary format with _____ precision.
- a) 16-bit
 - b) 15-bit
 - c) 14-bit
 - d) 12-bit
18. _____ does not recorded in the diary.
- a) figure
 - b) text data
 - c) spread sheet data
 - d) audio data
19. The name of a script file will take only _____ characters.
- a) 16
 - b) 19
 - c) 21
 - d) 23
20. In function files, comment lines start with a _____ sign.
- a) /
 - b) %
 - c) ;
 - d) 0
21. _____ is a convenient function identifier created by the user.
- a) inline function
 - b) function file
 - c) function handle
 - d) fzero
22. The use of _____ becomes essential when a function is passed as an input variable to another function.
- a) handle
 - b) p-code
 - c) feval
 - d) profiler

