

<p style="text-align: center;">The Bodwad Sarvajanik Co-Op. Education Society Ltd., Bodwad</p> <p style="text-align: center;">Arts, Commerce and Science College Bodwad</p> <p style="text-align: center;"><u>Question Bank</u></p> <p>Class:-TYBSc Sem:-VI</p> <p>Subject: Introduction to SciLab Paper Name:- MTH 606(A)</p>		
Sr. No.	Questions	Ans
1	In the following commands which command is to find roots of polynomial f. A) roots(f) B) polfact(f) C) derivat(f) D)None of these	A
2	In the following commands which command is to find derivative of polynomial f. A) roots(f) B) polfact(f) C) derivat(f) D)None of these	C
3	In the following commands which command is to find factors of polynomial f. A) roots(f) B) polfact(f) C) derivat(f) D)None of these	B
4	In the following commands which command is to find degree of polynomial f. A) degree(f) B) polfact(f) C) derivat(f) D)None of these	A
5	In the following commands which command is to find value of polynomial f at x=5 A) degree(f) B) polfact(f) C) horner(f,5) D)None of these	C
6	True of False . Command for to plot sin graph Vs index value is given by plot(sin(x)) A)True B)False	A
7	In the following commands which command is to find minimum element in matrix A A) min(A) B) max(A) C)det(A) D)inv(A)	A
8	In the following commands which command is to find maximum element in matrix A A) min(A) B) max(A) C)det(A) D)inv(A)	B
9	In the following commands which command is to find the determinant of square matrix A A) min(A) B) max(A) C)det(A) D)inv(A)	C
10	In the following commands which command is to find the inverse of nonsingular matrix A A) min(A) B) max(A) C)det(A) D)inv(A)	D
11	In the following commands which command is to find rank of matrix A A)rank(A) B) max(A) C)det(A) D)inv(A)	A
12	In the following commands which command is to find Addition of all diagonal elements of given matrix A A)rank(A) B) trace(A) C)det(A) D)inv(A)	B
13	In the following commands which command is to find Product of all elements of given matrix A	D

	A)rank(A) B) trace(A) C)det(A) D)prod(A)	
14	In the following commands which command is to find Sum of all elements of given matrix A A)rank(A) B) trace(A) C)sum(A) D)prod(A)	C
15	In the following commands which command is to find number of rows, columns of given matrix A A)rank(A) B) size(A) C)sum(A) D)prod(A)	B
16	In the following commands which command is used to 2-d function plot A)fplot2d B)fplot3d C)subplot() D)none of these	A
17	In the following commands which command is used for pie graph A)pie() B)plot2d C) subplot() D)none of these	A
18	In the following commands which command is used to 3-d function plot A)fplot2d B)fplot3d C)subplot() D)none of these	B
19	In the following commands which command is used to specify Identity matrix of size 3x3 A)eye(3,3) B) ones(3,3) C)sum(A) D)prod(A)	A
20	In the following commands which command is used to specify Matrix of size 3x3 with each element =1. A)eye(3,3) B) ones(3,3) C)sum(A) D)prod(A)	B
21	In the following commands which command is used to specify exponential function A)exp B)log C) expo D)none of these	A
22	In the following commands which command is used to specify absolute value of number -5. A)abs(-5) B)absol(-5) C)absolute(-5) D)none of these	A
23	In the following commands which command is used to specify square root of number 5. A)abs(5) B)sqrt(5) C)absolute(5) D)none of these	B
24	In the following commands which command is used to specify factor number a in prime number. A)abs(a) B)sqrt(a) C)factors(a) D)none of these	C
25	In the following commands which command is used to prints value of x. a in prime number. A)disp(x) B)sqrt(x) C)factors(x) D)none of these	A
26	In the following commands which command is used to specify logarithm function A)exp B)log C) expo D)none of these	B
27	In the following commands which command is used to specify factorial function of positive integer n A)fact(n) B)log(n) C) factorial(n) D)none of these	C
28	In the following commands which command is used to specify basic operator for multiplication of scaler, matrices. A)+ B)- C) * D)none of these	C
29	In the following commands which command is used to specify basic operator for addition of scaler, matrices.	A

	A)+ B)- C)* D)none of these	
30	In the following commands which command is used to specify basic operator for subtraction of scalar, matrices. A)+ B)- C)* D)none of these	B
31	In the following commands which command is used to specify will return sequence of equally space points in the interval. A) linspace B)range C) Vector D) none of these	A
32	Basic Operations that we can perform using Scilab? a) Addition b) Subtraction c) Multiplication d) All	D
33	The Command used to clear Scilab Console is a) clx b) clc c) clk clear	B
34	The output of the code (2+3*%i) is a)10+20i b) 10-20i c)-10+20i d)2+3i	D
35	The output of the code (%pi) is a) π b) 10-20i c)-10+20i d)2+3i	A
36	The output of the code (2^3) is 8 A)True B)False	A
37	The output of the code (10+5*%i) is a)10+5i b) 10-20i c)-10+20i d)-10-20i	A
38	The output of the code (10+5*%i)*(2*%i) is a)10+20i b) 10-20i c)-10+20i d)-10-20i	C
39	The output of the code (10-5*%i) is a)10+5i b) 10-5i c)-10+20i d)-10-20i	B
40	The output of the code factorial(4) is a)10+5i	B

	b) 24 c)-10+20i d)-10-20i	
41	----- command is used know detailed information of any type of command. a)Help b)Use of c)about d)More	A
42	Which is suitable to define a vector a)p=[1 2 3] b)p=[1,2,3] c)p= 123 d)both a&b	D
43	command used to find Length of the vector is--- a)Length(vector name) b)veclength(vector name) c)vec_length(vector name) d)None	A
44	The transpose of matrix A is represented by (in Scilab a)A* b)A'' c)A' d)A:	C
45	The output the command in a matrix is E(:, $\$$ a)Last column elements b)First column elements c)First row elements d)Last row elements	A
46	-----command used to get identity matrix of 4X4 rank a)rank(4x4) b)Id(4*4) c)Mat(4x4) d)eye (4,4)	D
47	The result of operator == is a Boolean value a)True b)False	A
48	i= 1: 2: 5 the output is a)1, 3, 5 b)2,4 c)1 ,3,4,5 d)1,5	A
49	The break() is used to a)stops the execution b)Closes the loop c)open the loop	B

	d)none	
50	How many number of variables can be definable in a single .SCI file? a)only 1 b)only 2 c)only 10 d)Any number	D
51	By Default,The scope of the variable used in a function are local ? a)True b)False	A
52	linspace(x1,x2) returns a)generates a row vector b)a row vector of n complexes , if X1,X2 are complex c)Both a and b d)None	C
53	which is not a file handling function in Scilab a)mopen b)mclose c)mexit d)write	C
54	input() function returns a>Returns emty matrix b)used to take input value from user c)Waits for input from the keyboard d)all the above	D
55	The command used to know the datatype of a variable/object is a)dtype b)typeof() c)data() d)all the above	B
56	Which function is used to create n equal intervals between a and b a)lin_space b)linspace c)linespace d)none	B
57	Trap_composite(f, a, b, n) in this command b refers a)b refers to the function we have to solve b)b is the lower limit of the integral c)b is the upper limit of the integral d)b is the number of intervals	C
58	deff can be used to define functions from sequences of instructions written in text strings a)True b)False	A
59	TOL keyword defines the tolerance level to be used in the Computations	A

	a)True b)False	
60	Secant(a, b ,f) in this function the arguments a, b, f indicates a)a is first starting guess for the root b)b is the second starting guess and c)f is the function to be solved. d)All of the above	D