CHAPTER- 1 PYTHON BASICS

1.Which is the a) X^y	correct opera b) X**y	-	$er(x^y)$? X^y	d) None of	of the mentioned
2. Which one (a) /	of these is flo b) //	or division? c) %	d) None o	of the mentione	ed
3. What is the i) Parentheses v) Addition a) i,ii,iii,iv,v,v c) ii,i,iv,iii,v,v	ii) Ex vi) S i b) ii,	xponential ubtraction i,iii,iv,v,vi		plication	iv) Division
4. Mathematic a) True	al operations b) Fa	-	ormed on a stri	ng.	
5. Operators w a) Left to Right c) Can't say		b) Right t		n which manne	r?
6. What is the a) 27	output of this b) 9	s expression, c) 3	3*1**3? d) 1		
7. Which one ofa) Addition anb) Multiplicationc) Multiplicationd) Addition an	d Subtraction on, Division on, Division,	and Addition Addition an	n	e level?	
8. The express a) True	ion Int(x) im	-	e variable x is c False	converted to int	eger.
9. Which one ofa) Exponentialc) Multiplication		b)	ighest preceder Addition Parentheses	nce in the expre	ession?
10. Which of t a) list1 = list() c) list1 = list([b)	will create a lis list1 = [] all of the men		
11. What is the a) ['h', 'e', 'l', c) ['llo']		b)	list("hello")? ['hello'] ['olleh']		
12. Suppose li a) 5	stExample is b) 4	_	','o'], what is None	len(listExample d) Error	e)?
13. Suppose li a) 2445	-		23], what is ma 12454	ax(list1)? d) 123	
14. Suppose li	st1 is [3, 5, 2;	5, 1, 3], wha		d) 1	

15. Suppose	list1 is [1, 5,	9], what is su	ım(list1)?		
a) 1	b) 9	c) 15	d) Error		
16. To shuffl	e the list(say	list1) what f	unction do we	use?	
a) list1.shuff	le()	b) shuffle(list1)		
c) random.sh	uffle(list1)	d) random.shuft	fleList(list1)
a) print(list1[c) print(list1[b) print(ld) all of	ist1[:2]) the mentioned		
18. Suppose	list1 is [2, 33	3, 222, 14, 25	, What is list1	[-1]?	
a) Error	b)	None	c) 25	(d) 2
10 Suppose	liet1 ie [2-33	3 222 14 25	, What is list1	[· _ 119	
a) [2, 33, 222	- ,		•	25	d) [25, 14, 222, 33, 2]
a, [2, 33, 222	·, · · · ·	o, Enoi	•	., _3	a, [25, 11, 222, 55, 2]

a) 31 characte2. Which of the	e maximum posers the following is	b) 63 characte invalid?	ers c) 79	d) none of the mentioned	
a) _a = 1	0) <u></u> a	. – 1	u – 1	d) hole of the mentioned	
3. Which of the a) my_string_	ne following is _1	an invalid variab) 1st_string		oo d)_	
a) they are useb) they confusc) they are use	cal variable naned to indicate a se the interpreted to indicate glown execution	private variabl er lobal variables	les of a class	escore discouraged?	
5. Which of that a) eval	he following is b) assert	•	? nlocal	d) pass	
6. All keywor a) lower case c) Capitalized		b) UPPER CA	ASE		
a) unlimited lb) all private	members must and ampersand	have leading a	nd trailing und		
	he following is		ement? c = 1000 2000	0.3000	
a) $abc = 1,000$ c) $a,b,c = 100$	0,000 0, 2000, 3000	,	c = 1,000,000		
c) a,b,c = 1009 Which of th		d) a_b	$o_c = 1,000,000$	00	
c) a,b,c = 100 9 Which of th a)init	0, 2000, 3000 te following car	d) a_b nnot be a variab c) it	o_c = 1,000,000 ole? d) on	00	
c) a,b,c = 100 9 Which of th a)init	0, 2000, 3000 the following car b) in	d) a_b nnot be a variab c) it	o_c = 1,000,000 ole? d) on	00	
c) a,b,c = 100 9 Which of th a)init 10. What is an A. 7	0, 2000, 3000 The following car b) in the same of this expression in the same of the same	d) a_b nnot be a variate c) it spression, 22 % C. 0	o_c = 1,000,000 ole? d) on o 3 is? <u>D.</u> 5	00	
c) a,b,c = 100 9 Which of th a)init 10. What is an A. 7	o, 2000, 3000 The following car b) in the same of this extends and the same of the same o	d) a_b nnot be a variate c) it spression, 22 % C. 0	o_c = 1,000,000 ole? d) on o 3 is? <u>D.</u> 5	00	
c) a,b,c = 100 9 Which of th a)init 10. What is an A. 7 11. What is the A. 27	o, 2000, 3000 The following car b) in the swer of this extended by the swer of	d) a_b not be a variate c) it spression, 22 % C. 0 expression, 3* C. 3	o_c = 1,000,000 ole? d) on old 3 is? old 5 old 4 old 5 old 5 old 6 old 7 old	00	
c) a,b,c = 100 9 Which of th a)init 10. What is an A. 7 11. What is the A. 27	o, 2000, 3000 The following car b) in the same of this extended by the following with th	d) a_b not be a variate c) it spression, 22 % C. 0 expression, 3* C. 3	ble? d) on 3 is? D. 5 1**3? D. 1 t errors?	00	
c) a,b,c = 100 9 Which of th a)init 10. What is an A. 7 11. What is the A. 27 12. Which of	o, 2000, 3000 The following car b) in the same of this extends and the same of this extends and the following with the followi	d) a_b nnot be a variate c) it expression, 22 % C. 0 expression, 3* C. 3 vill run without	b_c = 1,000,000 cole? d) on 3 is? D. 5 1**3? D. 1 t errors ?	00	
c) a,b,c = 100 9 Which of th a)init 10. What is an A. 7 11. What is the A. 27 12. Which of A. round(45.8 C. round()	o, 2000, 3000 The following car b) in the same of this extends and the same of this extends and the following with the followi	d) a_b not be a variate c) it spression, 22 % C. 0 expression, 3* C. 3 will run without nd(6352.898,2) nd(7463.123,2)	b_c = 1,000,000 cole? d) on 3 is? D. 5 1**3? D. 1 t errors ?	00	
c) a,b,c = 100 9 Which of th a)init 10. What is an A. 7 11. What is the A. 27 12. Which of A. round(45.8 C. round()	o, 2000, 3000 the following car b) in the same of this extends and the same of th	d) a_b not be a variate c) it spression, 22 % C. 0 expression, 3* C. 3 will run without nd(6352.898,2) nd(7463.123,2)	b_c = 1,000,000 cole? d) on 3 is? D. 5 1**3? D. 1 t errors ?	00	
c) a,b,c = 100 9 Which of th a)init 10. What is an A. 7 11. What is the A. 27 12. Which of A. round(45.8 C. round() 13. What data	o, 2000, 3000 the following car b) in the same of this extends and the same of th	d) a_b not be a variate c) it spression, 22 % C. 0 expression, 3* C. 3 will run without nd(6352.898,2) nd(7463.123,2)	b_c = 1,000,000 cole? d) on 3 is? D. 5 1**3? D. 1 t errors ?	00	

```
14. What does ----- 5 evaluate to?
<u>A.</u> +5 <u>B.</u> -11
                                        <u>C.</u> +11
                                                                <u>D.</u> -5
15. What is the output of the following code?
example = "snow world"
example[3] = 's'
print (example)
                                                C. Error
    A. snow
                        B. snow world
                                                                         D. snos world
16. What is the output of "hello"+1+2+3?
A. hello123
                                                         C. Error
                                                                                D. hello6
                        B. hello
17 What is the output of the following?
i = 2
while True:
   if i\%3 == 0:
      break
   print(i)
   i += 2
                                                <u>C.</u> 2 3 <u>D.</u> error
<u>A.</u> 2 4 6 8 10 ...
                                <u>B.</u> 24
18 What is the output of the following?
x = "abcdef"
i = "a"
while i in x:
   x = x[:-1]
   print(i, end = " ")
                                                C. a aaaa D. none of the mentioned
A. iiiiii
                        B. a aaaaa
19. What is the output of the following?
x = "abcdef"
i = "i"
while i in x:
   print(i, end=" ")
                                <u>B.</u> iiiiii ...
                                                        <u>C.</u> a b c d e f <u>D.</u> abcdef
A. no output
20. What is the output of the following?
x = 'abcd'
for i in x:
   print(i.upper())
    <u>A.</u> a b c d
   <u>B.</u> A B C D
    <u>C.</u> a B C D
   D. error
```

```
21. What is the output of the following?
x = 'abcd'
for i in range(len(x)):
   x[i].upper()
print (x)
                                                                               D. none of the mentioned
    A. abcd
                          B. ABCD
                                                     C. error
    22. What is the output of the following?
    i = 2
    while True:
    if i\%3 == 0:
    break
    print(i)
    i += 2
                                                    <u>C.</u> 23
    <u>A.</u> 2 4 6 8 10 ...
                                   <u>B.</u> 24
                                                                      D. error
23. What is the output of the following?
x = "abcdef"
i = "a"
while i in x:
   x = x[:-1]
   print(i, end = " ")
• <u>A.</u> iiiiii
                          B. a aaaaa
                          D. none of the mentioned
 <u>C.</u> a aaaa
24. What is the output of the following?
x = "abcdef"
i = "i"
while i in x:
   print(i, end=" ")
                                   B. iiiiiii
                                                             <u>C.</u> a b c d e f
                                                                                        D. abcdef
   A. no output
25. What is the output of the following?
    x = 'abcd'
    for i in x:
    print(i.upper())
    <u>A.</u> a b c d
                                   B. A B C D
                                                             <u>C.</u> a B C D
                                                                                        D. error
    26. Suppose list1 is [3, 5, 25, 1, 3], what is min(list1)?
    <u>A.</u> 3
                                                     <u>C.</u> 25
                                                                      <u>D.</u> 1
                                   <u>B.</u> 5
    27.Suppose list1 is [1, 3, 2], What is list1 * 2?
    <u>A.</u> [2, 6, 4].
                                            <u>B.</u> [1, 3, 2, 1, 3]
    <u>C.</u> [1, 3, 2, 1, 3, 2].
                                            <u>D.</u> [1, 3, 2, 3, 2, 1]
```

```
28. What is the output when the following code is executed?
 "Welcome to Python".split()
A. ["Welcome", "to", "Python"].
                                                B. ("Welcome", "to", "Python")
                                                D. "Welcome", "to", "Python"
<u>C.</u> {"Welcome", "to", "Python"}
7. What will be the output?
 names1 = ['Amir', 'Bala', 'Charlie']
names2 = [name.lower() for name in names1]
print(names2[2][0])
• <u>A.</u> None
                         <u>B.</u> a
• <u>C.</u> b
                         <u>D.</u> c
 8. What will be the output?
values = [[3, 4, 5, 1], [33, 6, 1, 2]]
 v = values[0][0]
 for lst in values:
   for element in 1st:
      if v > element:
         v = element
 print(v)
                                 <u>B.</u> 3
• <u>A.</u> 1
• <u>C.</u> 5
                                 D. 6
What is the output?
d = \{"john": 40, "peter": 45\}
d["john"]
• <u>A.</u> 40
                                 <u>B.</u> 45
```

D. "peter"

• <u>C.</u> "john"

CHAPTER 2: FUNCTIONS

A gro	up of sta	atemer	nts that ϵ	exists v	vithin a p	orogra	m for th	e purpose of performing a specific tas
is a								
			ontainin	gpytho	on defini	ition a	nd state	ments.
The s	ignifican	ce of u	ısing fun	ctions	is	•		
We		the fur	nction to	execu	te it.			
A	is	the pa	rt of a pr	ogram	in whicl	h a var	iable ca	n be accessed.
An		is a pi	ece of da	ta tha	t is sent	into a	function	ı.
A vari	able tha	it is vi	sible to e	very f	unction i	n a pro	ogram fi	le is a
A fun	ction de	finitior	n in pyth	on alw	ays begi	ns witl	h the key	yword
The to	wo state	ments	used for	· impo	rting mo	dules	in pytho	n are and
Whicl	n functio	n con	verts inte	egers a	ınd strin	gs to fl	oat	
(a) Fl	oat	(b)	double	e (c)	bool	(d) a	ll of thes	se
A mo	dule is:							
(a) Fi	le	(b)	packa	ge(c)	functi	on	(d)	none of these
Ceil()	is availa	ble in	module:					
(a) Ra	andom	(b)	math	(c)	string		(d)	none of these
UDF s	tands fo	r:						
(a) U	ser decla	ared fu	ınction	(b) us	ser defin	ed fun	ction	(c) both a&b (d) none
. If re	turn sta	ateme	nt is not	used	inside t	he fur	nction, t	the function will return:
a)	0			b) E	rror! Fu	nction	in Pyth	non must have a returnstatement
c)	None	objec	t	d) aı	n arbitra	ry ob	ject	
	is a A The s We A A vari A fun The tv Whicl (a) Fl A mod (a) Fi Ceil() (a) Ra UDF s (a) U: . If re	is a is A is The significant We A is A is An is An A variable that A function de The two states Which function (a) Float A module is: (a) File Ceil() is availated (a) Random UDF stands for (a) User declars. If return state a) 0	is a is a file of the significance is a piece. A variable that is visually the statements which function definition. The two statements which function consumptions (a) Float (b) A module is: (a) File (b) Ceil() is available in (a) Random (b) UDF stands for: (a) User declared function statements (a) 0	is a is a file containing The significance of using function to A is a variable that A is the part of a property of a prope	is a is a file containing pythormal process. We is a file containing pythormal process. We is a variable that is created as a variable that is created as a piece of data that a variable that is visible to every for a function definition in python alword the two statements used for important which function converts integers at (a) Float (b) double (c) A module is: (a) File (b) package(c) Ceil() is available in module: (a) Random (b) math (c) UDF stands for: (a) User declared function (b) used and the containing pythormal process. If return statement is not used and the containing pythormal pythormal process.	is a A is a file containing python defining the significance of using functions is We the function to execute it. A is a variable that is created insome a program in which an is a piece of data that is sent. A variable that is visible to every function in a function definition in python always beging the two statements used for importing monowhich function converts integers and string (a) Float (b) double (c) bool and A module is: (a) File (b) package(c) function (ceil() is available in module: (a) Random (b) math (c) string UDF stands for: (a) User declared function (b) user defining the content of the conte	is a A is a file containing python definition at The significance of using functions is We the function to execute it. A is a variable that is created inside a form is a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a great at a piece of data that is sent into a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside at a piece of data that is created inside a	A is a file containing python definition and state The significance of using functions is We the function to execute it. A is a variable that is created inside a function A is the part of a program in which a variable ca An is a piece of data that is sent into a function A variable that is visible to every function in a program fi A function definition in python always begins with the ke The two statements used for importing modules in pytho Which function converts integers and strings to float (a) Float (b) double (c) bool (d) all of these A module is: (a) File (b) package(c) function (d) Ceil() is available in module: (a) Random (b) math (c) string (d) UDF stands for: (a) User declared function (b) user defined function If return statement is not used inside the function, to

<u>CHAPTER 3</u> <u>USING PYTHON LIBRARIES</u>

1.	Commonly used modules that contain source code are called
	(a) Libraries (b) Namespace (c) Main Module (d) None of these
2.	Which keyword is used to use the functions of a module.
	(a) namespace (b) import (c) package (d) all of these
3.	Which keyword is used to get selected number of functions from a library
	(a) for (b) from (c) use (d) none of these
4.	Python provides to define the scope of a function or variable
	(a) Package (b) Namespace (c) Scope (d) none of these
5.	The following namespaces are provided by python
	(a) Local (b) Global (c) Built-in (d) All of these
6.	The keyword used to mention the alias name is
	(a) like (b) as (c) both of these (d) none of these
7.	The file is required to be created to make python treat the directory as package.
8.	The steps required to create a package in python is and
9.	Which variable tells the interpreter where to locate the module.
	(a) PYTHONPATH (b) PATH (c) PYPATH (d) None of these
10.	Which of the following functions belong to date class of datetime module.
	(a) today() (b) now() (c) year() (d) hour()
11.	Which of the following functions belong to time class of datetime module.
	(a) today() (b) now() (c) year() (d) hour()
12.	Which of the following statements are correct.
	(a) import m1.m2.m3 (b) from m1 import sum (c) from m1 import * (d) all of these
13.	Which keyword is used for referring to global variables
	(a) GLOBAL (b) global (c) Global (d) none of these
14.	randint belongs to which module
	(a) string (b) datetime (c) random (d) stdlib
15.	Python resolves the scope of a name related to namespace using which rule.
	(a) LEGB (b) BGEL (c) LBGE (d) none of these
16.	Which functions belong to math module
	(a) sqrt() (b) ceil() (c) log10 (d) all of these
	Shuffle function belongs to module.
18.	Which function belongs to datetime module
	(a) shuffle (b) random() (c) hour() (d) none of these
19.	A module contains and modules
20.	are the triple quoted strings in python.

<u>CHAPTER 4</u> DATA FILE HANDLING

1.	There are two types of files and
2.	The type of file which stores images, graphics is
	(a) text file (b) binary file (c) both files (d) none of these
3.	Open() function takes two parameters. Both parameters are and
4.	The mode in which we can read as well as write the content in a file.
	(a) $rb+$ (b) $w+$ (c) $r+$ (d) all of these
5.	The content of the file does not get erased when we use the following mode.
	(a) $r+$ (b) $wb+$ (c) a (d) none of these
6.	The following file mode will store the content in a binary file
	(a) rb+ (b) a+ (c) a (d) none of these
7.	The function of file object flushes the unwritten content to a file.
	The function to read one line at a time from a file is
	The function to read some number of characters from a file is
	(a) read(n) (b) readline(n) (c) readlines(n) (d) none of these
10.	The function to write multiple lines at a time is
	The statement used to group multiple file operations in one block is
	(a) for (b) while (c) with (d) all of these
12.	refers to process of converting a structure to a byte stream
	Which function is used to write the object in a binary file
	(a) load (b) dump (c) pickle (d) all of these
14.	Which of the following statements are correct:
	(a) dump(object, fileobject) (b) dump(fileobject, object) (c) load() (d) all of these
15.	The function to get the current working directory is:
	(a) getcwd() (b) cwd() (c) getcwdir() (d) none of these
16.	The following are the standard file streams
	(a) sys.stdin (b) sys.stdout (c) sys.stderr (d) all of these
17.	Text files stores information in which format
-,.	(a) ASCII (b) UNICODE (c) both a and b (d) none of these
18	The special character to represent the end of the line is
	Which function breaks the link of the file_object
1).	(a) flush() (b) close() (c) file() (d) none of these
20	The path which is with respect to the current directory is:
20.	The path which is with respect to the entrem directory is.

(a) Absolute path (b) relative path (c) respective path (d) all of these

Chapter 5: programming efficiency

1.	Performance isproportional to the wall clock time.
2.	The amount of time required to execute the algorithm is known as
3.	Efficiency can be measured on the basis of number of
4.	Binary search isefficient than
5.	An algorithm can have different, and average case behaviours.
6.	Recursive operations are more than sequential programs

Chapter6: Data structure

1.	Stack is a ty	pe of _		•				
2.	Stack is based ontechnique.							
3.	Stack performs and operations.							
4.	Stack can ha	ave		_conditi	ons.			
5.	For deleting an element from stack which function is used?							
	(a) Pop ((b)	del	(c)	delete (d)	none		
6.	Queue is ba	sed or	າ:					
	(a) LIFO ((b) FIF)		(c) both a and	d b		(d) none
7.	end is used to add element in a queue.							
8.	end is used to delete an element from a queue.							
9.	Stack and q	ueue c	an be	implem	ented by	way	/S.	
	(a) 4		(b) 2		(c) 3		(d) 1	
10.	Reversing a	word	include	es:				
	(a) Stack		(b)que	eue	(c) both a and	d b		(d) none

Chapter 7: Data visualization

1.	Matplotlib is a python 2D plotting library which produces publication quality figures.
2.	A plot is atechnique for representing a data set, usually as a graph, showing the
	relationship between two or more variables.
3.	Which is the attribute of plot().
	a) X axis (b) y axis (c) color (d) all of these
4.	To set the title,attribute is used.
5.	To present a chart which function is used?
	(a) Display (b)show (c) both a &b (d) none
6.	To plot a horizontal bar chart,function is used.
7.	Arrange() is used to
8.	Xticks and yticks are ysed to provide
9.	Explode () is an attribute of :
	(a) Bar chart (b) pi chart (c) line chart (d) none

Chapter no:8 Networking

1is a n	ietwork to	connect dev	ices within a s	ite in a small a	rea.
(a) LAN	l (b) WAN	(c) PAI	N	(d) none of these
2.protocol use	d for sendi	ing mails.			
(a) SMTP	(b) POP	(c)IMAI	o	(d) Email	
3.Which devic	e is used fo	or connectin	g networks us	ing different pr	otocol suite.
(a) Repeater	(b) Router	(c) Gateway	(d) Switch	
4. The protoco	ol which pro	ovides secur	ed connectior	1	
(a) FTP	(b)	HTTP	(c) HTTPS	(d) TELNET	
5. The protoco	ol to conne	ct to a wired	l network usin	g Wi-Fi standa	rd.
(a) 4G	(b) WAP	(c) TDMA	(d) VoIP	
6. IP address is	s the string	of hex	adecimal num	bers	
(a) 4	(b) 5	(c)3	(d) an	y of these	
7.URL defines	the followi	ing			
(a) protocol	(b) host comp	uter	(c) port	(d) all of these
8 helps a	user to lo	gin to a rem	ote computer		
(a) FTP	(b) TELNE	T	(c) VoIP	(d) HT	TP
9.IMAP stands	for				
(a) Internet m	essage Acc	ess Protocol	(b) Int	ernet Mail Acc	ess Protocol
(c) Internet ma	ail across p	rotocol	(d) no	ne of these	
10. The proto	col to send	l digitize and	compress voi	ce to send is	
(a) VoIP	(b)	HTTP	(c) FT	P	(d) ICMP
11 ted	chnology is	used for wi	reless local are	ea networking	
(a) Wi-Fi	(b)	WiMAX	(c) Sat	ellite	(d) All of these
12.The protoc	ol used for	transferring	documents /	files from sour	ce to destination is
(a) HTTP	(b)	FTP	(c) TEL	.NET	(d) VoIP
13 provi	des interne	et based sto	rage and proc	essing	
(a) TDMA	(b) Cloud	(c) TEL	.NET	(d) None
14 is th	e number (of bits transr	mitted during	one second.	
(a) baud rate	(b)	data transf	er rate (c) cla	dding	(d) all of these

(a) 2G	(b) 4G	(c) 5G	(d) Both b and c	
16	is a network	of physical objects v	vith network connecti	vity
(a) cloud		(b) IoT	(c) laaS	(d) protocol
17	has the hig	hest data transfer cap	acity	
(a) Coaxi	al cable	(b) Optical fibre	(c) twisted pair	(d) none of these
18	_ provides a	line of sight transmiss	sion	
(a) Radio	wave	(b) Infra red	(c) Wi-Fi	(d) none of these
19. there	e is no attenu	uation in the following	g media	
(a) coaxia	al cable	(b) twisted pa	air (c) optical fibre	(d) radio wave transmission
20. The n	etwork devi	ce to regenerate the s	ignal is	
(a) Bridge	2	(b) Repeater	(c) Router	(d) All of these

15.VoLTE is provided by

<u>CHAPTER 9</u> WEB DEVELOPMENT WITH DJANGO

1.	The following are the characteristics of DJANGO
	(a) It is free (b) It is a web framework (c) it is open source (d) all of these
2.	Web framework helps to develop
	(a) web application (b) web API (c) web service (d) all of these
3.	Which of the following are the client side scripting language
	(a) Javascript (b) Perl (c) ASP.NET (d) all of these
4.	Which of the following are the web framework
	(a) DJANGO (b) Zend (c) RUBY (c) none of these
5.	DJANGO supports
	(a) no-sql databases (b) ORM (c) cross platform (d) all of these
6.	In MVC model , the component which deals with databases is:
	(a) Model (b) View (c) controller (d) none of these
7.	In MVT model , T stands for
	(a) Test (b) Type (c) Template (d) none of these
8.	The template is an file mixed with Django template language
9.	The request in MVT is handled by
	(a) model (b) view (c) template (d) none of these
10.	Which file is used to manage the administration task in DJANGO
	(a) setting.py (b) manage.py (c) project.py (d) all of these
11.	file is used in python to treat a folder as package
12.	Which file contains all links of the project and function to call
	(a) manage.py (b) urls.py (c) wsgi.py (d) all of these
13.	Which method bundles the form data with encryption
	(a) get method (b) post method (c) login method (d) none of these
14.	Which method will be unsuitable for a password form to be transmitted to the server
	(a) GET (b) POST (c) both of these (d) none of these
15.	command help check whether our server is running successfully or not
16.	command install Django
17.	statement starts a server
18.	What determines what content is displayed on a given page
	(a) views (b) models (c) urls (d) none of these
19.	Which file is edited to install the app
	(a) urls.py (b) settings.py (c) views.py (d) model.py
20.	specifies beginning of url and specifies the end of the rul.

Chapter 11: SQL
1. Which SQL function is used to count the number of rows in a SQL query? a)COUNT() b)NUMBER() c)SUM() d)COUNT(*) 2. Which SQL keyword is used to retrieve a maximum value? a)MOST b)TOP c)MAX d)UPPER 3. Which of the following SQL clauses is used to DELETE tuples from a database table? a)DELETE b)REMOVE c) DROP d)clear
4removes all rows from a table without logging the individual row deletions a)DELETE b)REMOV c)DROP d)TRUNCATE
5.Which of the following is not a DDL command? a) UPDATE b) TRUNCATE c) ALTER d) None of the Mentioned 6. Which of the following are TCL commands? a) UPDATE and TRUNCATE b) SELECT and INSERT c) GRANT and REVOKE d) ROLLBACK and SAVEPOINT 7 is not a category of SQL command. a) TCL b) SCL c) DCL d) DDL 8. If you don't specify ASC or DESC after a SQL ORDER BY clause, the following is used by default a) ASC b) DESC c) There is no default value d) None of the mentioned 9. What is the purpose of the SQL AS clause? a) The AS SQL clause is used change the name of a column in the result set or to assign a name to a derived column b) The AS clause is used with the JOIN clause only c) The AS clause defines a search condition d) All of the mentioned 10) Which statement is wrong about PRIMARY KEY constraint in SQL? a) The PRIMARY KEY uniquely identifies each record in a SQL database table b) Primary key can be made based on multiple columns c) Primary keys must be made of any single columns d) Primary keys must contain UNIQUE values. e) View Answer
 a) Primary keys can contain NULL values b) Primary keys cannot contain NULL values. c) A table can have only one primary key with single or multiple fields d) A table can have multiple primary keys with single or multiple fields 12)In existing table, ALTER TABLE statement is used to a) Add columns b) Add constraints c) Delete columns d) All of the above 13)SQL Query to delete all rows in a table without deleting the table (structure, attributes, and indexes)

- a) DELETE FROM table_name;
- b) DELETE TABLE table_name;
- c) DROP TABLE table_name;
- d) NONE

- 14) Wrong statement about UPDATE keyword is
 - a) If WHERE clause in missing in statement the all records will be updated.
 - b) Only one record can be updated at a time using WHERE clause
 - c) Multiple records can be updated at a time using WHERE clause
 - d) None is wrong statement
- 15) Wrong statement about ORDER BY keyword is
 - a) Used to sort the result-set in ascending or descending order
 - b) The ORDER BY keyword sorts the records in ascending order by default.
 - c) To sort the records in ascending order, use the ASC keyword.
 - d) To sort the records in descending order, use the DECENDING keyword.
- 16) Correct syntax query syntax to drop a column from a table is
 - a) DELETE COLUMN column_name;
 - b) DROP COLUMN column_name;
 - c) ALTER TABLE table_name DROP COLUMN column_name;
 - d) None is correct.
- 17) If you want to allow age of a person > 18 in the column Age of table Person, then which constraint will be applied to AGE column.
 - a) Default
 - b) Check
 - c) NOT NULL
 - d) None
- 18) In a table, a column contains duplicate value, if you want to list all different value only, then which SQL clause is used?
 - a) SQL DISTINCT
 - b) SQL UNIQUE
 - c) SQL BETWEEN
 - d) SOL Exists
- 19) Logical operators used in SQL are
 - a) AND, OR, NOT
 - b) &&, ||, !
 - c) \$,|.!
 - d) None of the above

CHAPTER NO:12 CYBER SAFETY

1.	Laws that deal with regulating , storing and using personally identifiable information
	The fraudulent attempt to obtain sensitive information such as credit card, password etc. Forensics (b) phishing (c) hacking (d) none of these
3.	is an electronic discovery technique used to determine and reveal technical crimina evidence.
4.	refers to acquisition of personal data of the victim and using it for illegal purpose. (a) Web beacon (b) plagiarism (c) identity theft (d) non
5.	What is the method of user identification: (a) Password (b) OTP (c) biometric (d) all of these
6.	refers to some data which is freely available to everyone to use.
7.	The pictures in email message are called as (a) phishing (b) web beacons (c) open data (d) none of these
	The authorization which involves eye retina recognition comes under: (a) OTP (b) Token (c) Biometric (d) none of these are the people which steal the information from computer with a wrong intention (a) Crackers (b) Hackers (c) both of these(d) none of these
10.	. DRM stands for
11.	is the act of copying someone else's work and then passing it off as one's own.
12.	refers to creations of intellect: inventions, literary and artistic work.
13.	refers to freedom to use, share and modify the source code and allow copyrights to other users. (a) Open source software (b) Licensed software (c) Proprietary software (d) All of these
14.	license provides accreditation , shared with CC (a) APACHE license (b) GPL (c) A CC (d) All of these
15.	is a act of Indian Parliament dealing with cybercrime and electronic commerce.
17. 18.	Which of the following are cyber crime: (a) cyber stalking (b) hacking (c) spamming (d) all of these is made up of deadly chemicals such as lead, cadmium, mercury etc. One way to secure the data is to use the following protocol (a) HTTP (b) HTTPS (c) FTP (d) any of them
	What is the process of receiving unsolicited mails (a) cracking (b) stalking (c) spamming (d) none of these is the term for access control technologies that are used by hardware manufacturers.