Total No. of Questions - [4]

Total No. of Printed Pages: IV

G.R./PRN	PAPER	
No.	CODE	U112-202B (Reg)

DECEMBER 2022 (INSEM+ ENDSEM) EXAM

F.Y. B. TECH. (SEMESTER - I)

COURSE NAME: PYTHON FOR ENGINEERS

COURSE CODE: [CS10202B]

(PATTERN 2020)

Time: [2Hr] [Max. Marks: 60]

(*) Instructions to candidates:

1) Figures to the right indicate full marks.

2) Use of scientific calculator is allowed

3) Use suitable data where ever required

Question	Question Description	Marks	СО	Bloom
No.			mappe d	Taxon omy Level
Q.1	i)What is the output of the following addition (+) operator? a = [10, 20] b = a print(a) b += [30, 40] print(b) a) [10, 20] b) [10, 20, 30, 40] [10, 20, 30, 40] c) [10, 20] d) [10, 20, 30, 40] [10, 20] [10, 20] [10, 20]	[2]	CO1	A
	ii)What will be the output of the following Python code? a=[11,5,59,66,67,22,7,9,99,11] a.sort(reverse=True) print(a) a) [99,67,66,59,22,11,9,7,5] b) [99,67,66,59,22,11] c) [5,7,9,11,22,59,66,67,99] d) [99,67,66,59,22,11,11,9,7,5]	[2]	CO1	A
	iii) What is the output of the following string comparison print("Programming python" == "PYTHON Programming") print("VIIT" <"viit") a) True b) False False False c) True d) False True	[2]	CO1	А

iv) What will be the output of t	he following Python code?	[2]	CO1	A
a=[11,22,33,55,[77]]				
b=list(a)		1		1
a[4][0]=99				1
a[2]=66		İ		-
print(b)	•	İ	-	
a)[11, 22, 33, 55, [99]]	b)[11, 22, 66, 55,[99]]			
c)[11, 22, 33, 55, [77]]	d)[11, 22, 66, 55,[77]]	.		
v)What is the output of the foll	owing code		001	
T1 = (11, 22, 33, 44, 55, 66, 7)	7, 88, 99, 110}	[2]	CO1	A
print(T1[-1:-5:-2],T1[::3])				
a)(110,88) (11,44,77)	b) (110,88) (11,44,77,110)			
c)(88,66) (11,44,77,110)	d) (110,88,66) (11,44,77,110)			
vi)What is the output of the fol	lowing code			U)
T1 = [55, 35, 45, 55, 2, 12, 23,		[2]	CO1	Α
print(T1[T1.count(55) + len(T1)		[-]		
a) 2 1	b) 2 3			
c) 55 3	d) 45 3	ł		
vii)What is the output of the fo	llowing	(0)	CO1	A
aTuple = (10, 20, 30, 40, 50, 6		[2]	1001	'
print(aTuple[2:5], aTuple[:-8],				
a)(20,30,40)(10,20)(70,80,90,1				
b)(30,40,50)(10,20,30)(80,90,1				ŀ
c)(30,40,50)(10,20)(80,90,100)				
d)(30,40)(10,20)(80,70)				.
viii)Which of the following Root	lean expressions is not logically equivale	İ		
nt to the other three?	- B Value and	[2]	CO1	A
a) not(-7<0 or-6>11)	b) -7>=0 and -7<=11			
c) not(-7<10 or-7==11)	d) not(-7>11 or-7==11)			
x) What will be the output of t	he following Python code?			
if $(9 > 5)$ and $(0 < -9)$:	TIO 10110 11 11 11 11 11 11 11 11 11 11 11	[2]	CO2	A
print("hello")				
elif (9 > 0) or False:				
print("good")				1
else:	·	ļ		
		1		
print("Try Try") a) hello	b) Try Try			
c) good	d) None of the above			
willifest will be the control of	o following Puthon code?	1	İ	.
x)What will be the output of the $i = 1$	E following 13 thor. coas.	[2]	CO2	A
while True:		""		1.,
if i*2 <= 20:				
if i%5==0:				
break		1		
print(i,end=" ")				
i += 2		1	1	1

a) 1 2 b) 1 3 c) 1	3 5 d) None of the above			-
	o a, none of the above		1	1
xi)What will be the output of the f	ollowing Python code?	[2]	C02	Α
for num in range(2,20,2):			-	1
for i in range(5, num):				ı
if num%i == 0:				
print(num,end=" ")	·			
break			1	1
a) 10 12 14 16 18	b) 10 20		ŀ	1
c) 10 12 14 16 18 20	d) None of the above			
xii)What will be the output of the fo	ollowing Python code?	[2]	CO2	A
if 5>=10:		[2]	1002	\ ^
print("India")	·		ł	
elif True:			1	1
print("Mera Bharat Mahan!")	į		1	
if 10>=11:	1		1	
print("Enjoy")			1	1
else:	İ			
print("See you Soon')				
a) Mera Bharat Mahani	b) Enjoy			
c) India	d) None of the above		ł	1
	Soboo estado	[2]	CO2	A
xiii)What will be the output of the fol	lowing Python coder	[2]	002	1
str1="VIIT Pune"	ļ		1	
c=0	į			1
for x in str1:				
if(x!="T"):				
C=C+1				 .
continue else:				1
				[
pass				1
print(c) a) 1) 8	1		
,) 7	ĺ		1
	'	[
xiv)What will be the output of the following	wing Python code?	121	CO2	Α
min = (lambda x, y: x if x < y else y)		[2]	JU2	١
min(211*50, 101*51)	1			
	5151	İ		
c) 5399 d)	None of the above	- 1		
	1	1		
xv)What will be the output of the follow	wing Python code?	[2]	CO2	A
def change(a): #mod		ا ادا	<i></i>	
b=[x*2 for x in a]		-		
print(b)		i		
def change 1(a): #mod2	.py	}		
b=[x*x for x in a]			ĺ	
print(b)				
from mod1 import change #main.	ру			f
from mod2 import change1				