

SET 1
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Class: XI Session: 2023-24
Informatics Practices (065)
Class XI Half Yearly SESSION 2023-24
MARKING SCHEME**

	SECTION A	
1.	MB	1
2.	Percentage	1
3.	'10', 'hello'	$\frac{1}{2} + \frac{1}{2}$
4.	1	1
5.	33	1
6.	Break, True	$\frac{1}{2} + \frac{1}{2}$
7.	a) string	$\frac{1}{2} + \frac{1}{2}$
8.	#, "" ""	1
9.	False	1
10.	[1, 'orange', 1, 'orange']	1
11.	redundancy	1
12.	inconsistency	1
13.	database	1
14.	True	1
15.	True	1
16.	Mysql, PostgreSql	$\frac{1}{2} + \frac{1}{2}$
	Q17 and 18 are ASSERTION AND REASONING based questions. Mark the correct choice as (a) Both A and R are true and R is the correct explanation for A (b) Both A and R are true and R is not the correct explanation for A (c) A is True but R is False (d) A is false but R is True	
17.	a	1
18.	c	1
	SECTION B	
19.	n=30 for i in range(0,n): if i%4==0: print (i*4) else: print (i+4)	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$
20.	L=int(input("enter length")) B=int(input("enter bredth")) Print(L*B)	$\frac{1}{2} + \frac{1}{2} + 1$
21.	(a) ["2023", "EXAMINATION", "NEET"] (b) dict items([('sname', 'Aman'), ('age', 27), ('address', 'Delhi')])	1+1
22.	del D: It will delete entire dictionary	1+1

	del D[<key>]: It will delete a corresponding key:value pair.									
23.	For any appropriate difference	1+1								
24.	What is the difference between compiler and interpreter?	2								
25.	1/2 marks for each correct description.	½+1/2+1/2+1/2								
	SECTION C									
26.	L.sort() ; L[0]; L[-1]	1+1+1								
27.	Any appropriate difference + example	1+1+1								
28.	['i', 'u'] ['i'] []	3								
29.	Award marks for any valid code. Input/declaration Iteration Condition printing	½+1+1+1/2								
30.	Any appropriate difference + example	1+1+1								
	SECTION D									
31.	For any relevant answer.	1+1+1+1+1								
32.	a) Input;loop;output. b) input ;condition;print	½+1+1/2 1+1+1								
33.	Write the most appropriate list method to perform the following tasks. a) remove(). b) pop(). c) append(). d) insert(). e) extend().	1+1+1+1+1								
	Section E									
34.	Four computer terms and eight descriptions are shown below. Draw lines to connect each computer term to the correct description(s). <table><tr><th>Computer term</th><th>Description</th></tr><tr><td>Arithmetic and logical unit(ALU)</td><td>Data can be read but not altered</td></tr><tr><td>Control Unit</td><td>Performs operations</td></tr><tr><td>Random Access Memory(RAM)</td><td>Stores bootstrap loader and BIOS</td></tr></table>	Computer term	Description	Arithmetic and logical unit(ALU)	Data can be read but not altered	Control Unit	Performs operations	Random Access Memory(RAM)	Stores bootstrap loader and BIOS	1+1+1+1
Computer term	Description									
Arithmetic and logical unit(ALU)	Data can be read but not altered									
Control Unit	Performs operations									
Random Access Memory(RAM)	Stores bootstrap loader and BIOS									

	Read Only Memory(ROM)	Fatches next instruction in turn	
		Carries out operations such as AND, OR, NOT	
		Stores part of the OS currently in use	
		Manages execution of each instruction	
		Stores data currently in use	
35.	Observe the line of code given below and write down the value that will be output by python. <pre> >>>a=10 >>>b=20 >>>c=a+b >>>a+5 15 (i) >>>a+b 30 (ii) >>>b=b+1 >>>c 30 (iii) >>>a+b 31 (iv) </pre>		1+1+1+1

** Answers are suggestive, Marks may be awarded for each correct explanation, example and logic.