Udaya Public School, Ayodhya				
Final Examination 2022-23				
Class XI Subject: Informatics Practices (065)				

	Class AI Subject: Infol	matics Practices (065)		
	: 3 Hours neral Instructions:		MM:70	
2. 3.	 This question paper contains two parts A and B. Each part is Both Part A and Part B have choices. Part-A has 2 sections: a. Section – I is short answer questions, to be answered in b. Section – II has one case study question having four ma Part - B is Descriptive Paper and has three sections. 	one word or one line.		
	Part -A		SECTION – I	
	Attempt all the questions:			
1	Which among the following is a primary storage:a. RAMb. Hard Disk	c. CD	d. All of these	1
2	Identify output devices from following a. Key Board b. Mouse	c. Monitor	d. Plotter	1
3	Which software is example of System Softwarea. Anti-Virusb. Database softwarec. Operation			1
4	Which python operator is not Relational Operator? a. > b. ==	 c. %	d. !=	1
5	Identify pure mutable data type sequences a. Tuple b. Dictionary	c. List	d. None	1
6	To select a part of a sequence is called a. Looping b. Selection	c. Slicing	d. None of all	1
7	a. Tuple b. String	c. List	d. Dictionary	1
8	To select all columns of a table using SQL query we a. ALL b. ANY	use c. *	d. FULL	1
9	Duplication of data is called a. Data Dependency b. Data Inconsistency	c . Data Storage	d. Data Redundancy	1
10	To display list of all tables in a database we will use a. Select	e o. Show Tables		1
11	Which keyword is used to eliminates the duplicatea. Betweenb. Distinct	value in the resultant qu c. Having	ery d. Where	1
12	To enter a record in a table we will use a. Create command b. Insert command c.	Select command	d. None of all	1
13	Which command is used to make our database as w a. Show b. Use			1
14	To select a Row/ Rows of a table we will use a. FROM b. WHERE	c. SELECT		1
15	RDBMS stands for Data Base Managem			1

PART A

SECTION II

16 Consider a table **ABC** given below and answer **any four** part of the question. Each carry one mark **Table: ABC**

Table: Abe								
DEPT	DNAME	ADDRESS						
10	SCIENCE	BIKANER						
20	COMMERCE	JAIPUR						
30	ART	JODHPUR						

4

i	Which com	mand will displa	y all data of table	2				
				; c. Select any from A	ABC; d. S	elect % from AB	2;	
ii								
	a. Creat		b. Select	c. Insert inte	o d.	None of all		
iii	Dept D 10 SC We will a. Select * f	from ABC where	S	Е"; с.	Select * fro . All are con	om ABC where d rrect	ept=10;	
iv		rect statement records are 4	b. Total Fields a	re 5 c. DNAME is a	a Tuple	d. ABC is a Re	elation	
v	a. Inso b. Inso c. Inso	ert into ABC valu ert values into A	nt is . "SCIENCE", "BIK les(10, "SCIENCE BC (10, "SCIENCE CIENCE", "BIKAN	", "BIKANER"); 2", "BIKANER");				
				PART-B		SEC	ΓΙΟΝ – Ι	
17	Write short	t notes on Opera	ting system and a	application software				4
18	What is Ma	chine learning a	nd Natural Langu	age processing, expla	in with exa	amples.		4
19	What is the	e difference betw	een Compiler an	d Interpreter?				2
20	What is ran	nge() function? H	low it is used in fo	or loop? Explain with	an exampl	e.		4
21								4
22	What do yo	ou mean by a DBI	MS? Explain some	e features of MY SQL.				4
23							2	
	What is iter	ration/looping?	Write a Python co	ode to print numbers	1 to 10 usi	ng for loop.		
24		hon program that te and display s		nount, Time in years	and Rate o	f Interest from th	ie user	4
			P	ART-B		SEC	ΓΙΟΝ - ΙΙ	
25	Write SQL o	command to crea	te table Student	with following specif	fications:			4
		Field	1	Data type	Size	Constraint		
		Rolln	0	Int	3	Primary key		
		Nam		Char	25	Not Null		
		DOE		Date		Not Null		
	NL	Class		char	5	unique		
		a record of your						
26				the key board and fin ill print "Available" of			amely lst	2
27	;)	What do you ma	an by Cloud Com	nuting?				1

27 i) What do you mean by Cloud Computing?
ii) IoT stands for _____.
iii) IaaS stans for ? _____.
28 Define the following constraints in MY SQL:

(i) Primary key
(ii) Unique key
(iii) Not null
(iv) Default

SECTION –	III
------------------	-----

PART - B	
TEACHER	

Tcode	Tname	Desg	Tsalary	Subject	Dno	Sex	
101	Sangeeta	PRT	40000	NULL	10	F	
102	Sunita	TGT	47000	ART	20	F	
103	Mohanraj	PGT	51310	Chemistry	40	М	
104	Shikha	PGT	55000	Chemistry	40	F	
105	MP Singh	PGT	40000	Physics	40	М	
106	Geetanjali	PGT	47000	Physics	40	F	
107	Suresh	PRT	30000	NULL	10	М	

Write Complete SQL commands for the following:

- (i) Display teacher code, teacher name and subject of all teachers.
- (ii) Display All the details of teacher whose Teacher Code is 104;
- (iii) Display all the Male teachers who are PGT.

30 A table **STUDENT** has following structure with sample data

Rollno	AdmNum	RegNum	Aadhar	Name	Class
1	1343	R1001	344443	Dinesh	XI
2	1432	R1002	676765	Rajesh	XI
3	4321	R1003	323276	Mohan	XI
1	7676	R1004	645112	Rajesh	Х
2	1354	R1005	548989	Sarita	Х

Write output of following SQL queries

- i) Select * from STUDENT where name like 'R%';
- ii) Select rollno, name from STUDENT where Aadhar=548989;

iii) Select * from STUDENT where name like '%h' and class='X';

31

(i). Create a dictionary of name: mobile-number for 5 persons. Now input a name to search in 2 the dictionary and print his mobile number, if present else print error message.
 (Name should key and mobile no should be value of each person in the dictionary)
 (ii) Write a program to print the sum of all the even no's between 2 to 50. 2

29

1 1 1

1 1

1