L	earnpython4cb		C	Youtube Channel:		
Inspiring Success SuperNova@learnpython4cbse PYTHON ONLINE CLASSES COMPUTER SC. INFORMATICS PRAC. SAMPLE PAPERS PYTHON						
			ATICS PRACTICES (06	5)		
	Timon, 02:00 Uro	5A	MPLE PAPER - 3	Movim	um Marka, 70	
no	Timen: 03:00 Hrs ral instructions:		CLASS - XII	waximu	um Marks: 70	
٠	This question paper co		Section A to E.			
٠	All questions are comp	5				
•	Section A has 18 questi	3 0				
•	3	51	uestions carrying 02 ma			
•		•••••	ons carrying 03 marks ea	ach.		
•	Section D has 02 questi	5 0				
٠	Section E has 03 Long A	nswer type questic	ons carrying 05 marks ea	ch		
•	All programming quest		ered using Python Langu	uage only.		
			SECTION - A			
	network it forms? (a) LAN (b) MAN (c) WAN (d) None of the above					
2	Stealing someone's inte a. Phishing b. Spamming c. plagiarism d. hacking	llectual work and re	epresenting it as anothe	r person's work is kno	own as 1	
8	A free software provide (a) Freedom to run the (b) Freedom to study ar (c) Freedom to redistrib (d) All the above option	program for any pu Id adapt its needs ute and improve th			1	
ļ	There is a TABLE called EMPLOYEE		n below.		1	
		SALARY				
	ARUNAN	5000				
	SAMUEL	NULL 6000				
		1 61 11 11	•			

	About L	s Web	site: https://www.le	earnpyth	on4cbse.com/	Feedback	\bigcirc	8076665624
	ear	npython4c	bse			Youtube Char		
		Inspiring Suc				rNova@learnpy		
ΡΥ	THON	ONLINE CLASSES	COMPUTER SC.	INF	ORMATICS PRAC.	SAMPLE PAPEI	RS	PYTHON MCQs
	(a) 55	500 566.667 100	Rom Employee;					
5		ect right(su ti i	out for the followin bstr (' Innovat					1
6	(a) U (b) U (c) U	tands for niversal Resource niform Resource niversal Range Lir one of the above	Locator nit					1
7	Cons	der the STOCK ta	ible.					1
	INA		PRICE	QTY				
		YONS 20.00 50	20.00	50				
	BOC		25.00	40				
		CILSET the output of the	90.00 following SQL que	20 ry				
	(a) 10 (b) 12 (c) 18	CT PRICE*QTY FR 000.00 200.00 000.00 000.00 one of the above	OM STOCK WHERE	QTY < 4	0;			
8	Whic i. RO ii. SU	h among the follo JND() M() DUNT()	owing is a scalar fui	nction?				1
9		v	table Cosmetics.					1
				QTY				
	C11	Sun Cream		10				
	C12	Hair Shamp		15				
	C23	Face Cream		25				
	C56	Sun Cream		10				
	C87	Gel Wax	1000	15				
	C45	Face Cream	n 482 .	20				

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PYTI	Inspiring Succe	SS COMPUTER SC.	INFORMATICS PRA	· · · · · · · · · · · · · · · · · · ·	PYTHON MCC
	What will be the output a SELECT COUNT (DISTINCT (a) 5 (b) 6 (c) 4 (d) 2		0 1 5	,	
10	Consider the below giver output? a W b Da c RG d KL e Ba	n series, named Bat D Parnell wid Warner S Sharma Rahul ber Azam ss Taylor	tsman, which comm	and will be used to print	t 6 as 1
11	Identify the function used a) read.csv() b) read_csv() c) read_data() d) csv_read()	d for reading data	from a csv file.		1
12	When a DataFrame is cre (i) Column labels (ii) Row labels (iii) Both of the above (iv) None of the above	eated from List of D	lictionaries, then dic	tionary keys will becom	e 1
13	An online activity that en (a) Web server (b) Web Browser (c)Web Hosting (d) None	ables us to publish	website or web ap	blication on the internet	1
14	Identify the SQL function (a) NOW() (b) MONTHNAME() (c) MONTH() (d) WEEKNAME()	which returns out	put as a group of ch	aracters.	1
15	Violating the intellectual	property rights of	a copyright holder is	s known as	1

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ΫΫΤΙ	HON ONLINE CLA		INFORMATICS PRAC.	SAMPLE PAPERS	ΡΥΤΗΟΝ ΜCC			
16	a) Encryption b) Digital footprin c) Offline phishin d) Copyright infri	Ig	No for Activo digital foot	orint?	1			
10	a) Surfing interne b) Apps and web	et sites that use geolocation stall cookies on your devic	to pinpoint your location	n				
		ASSERTION AND REASONIN	•	k the correct choice a	S			
		are true and R is the corre	•					
		are true and R is not the c	correct explanation for A					
	(C) A is True but							
	(D) A is false but	R is True						
7	activity	cognito browsing opens up ncognito browsing is usefu		-	1			
18	• •	ataFrame has both a row A DataFrame is a two-dim	ensional labelled data st	ructure like a table of	1			
			SECTION - B		2			
9	Explain the terms Static and dynamic Web pages.							
	What are cookies	~0	OR					
			atabaaa					
	Table : Hotel	ollowing table Hotel in a d	alabase:		2			
0	EMPID	Category	Salary					
20	E101	MANAGER	60000					
0	E102	EXECUTIVE	65000					
0	1.1	CLERK	40000					
20	E103		62000					
20	E103 E104	MANAGER	02000					
0		EXECUTIVE	50000					
20	E104 E105 E106	EXECUTIVE CLERK						
20	E104 E105 E106 E107	EXECUTIVE CLERK MANAGER	50000 35000 61000					
20	E104 E105 E106 E107 E108	EXECUTIVE CLERK	50000 35000 61000 36000					

		<mark>thon4ct</mark> /	ess		Su		ibe Channel: Plearnpythor	14cbse		
ΡΥΤΙ	HON ONL	INE CLASSES	COMPUTER	SC. II	NFORMATICS PRAC	C. SAMF	PLE PAPERS	ΡΥΤΗΟΝ ΜCC		
	done.									
21			3		ving keywords.			2		
22					gement technique OR			2		
	3		. *	•	act of usage of tec	hnology.				
23		be the outpu		· ·				2		
24	What will	be the outpu	t of the follow	ving code:				2		
	import pandas as pd									
	list1=[2,4,6,8]									
	list2=['gh','mn','pq','st']									
	school=pd.Series(list1,index=list2) print (school*2)									
	print (sch									
25	•	observe the fo						2		
20	-	andas as pd						-		
		'India', 'S2': 'R	ussia', 'S3': 'W	/orld'}						
	-	ol': 'EOIS', 'Pla								
	data={1:E	01,2:D2}								
	•	taFrame(data))							
	print(df)									
		he following index of the D)ataEramo df							
		column name		ne df						
		columnation			CTION - C					
26	Mrito out	inuts for SOL	nuorios (i) to (i		are based on the g		NCED tablo	3		
20	pid	Pname	· · · · · · · · · · · · · · · · · · ·	Place	DateofJourney	Amount	Sex	5		
	201	Amith		Delhi	2022-10-07	2000	M			
	202	Jeena	4	Jumbai	2022-15-09	1500	F			
	203	Abilash		Chennai	2022-05-22	750	M			
	204	Asok		Chennai	2022-05-05	750	М			
		Nithya	28 E	Delhi	2022-08-14	2000	F			
	205	J	58 N	Numbai	2022-07-21	1500	Μ			
	206	Devan								
	206 1. SELECT	Devan INSTR(PLACE	, 'E') FROM PA		WHERE DATEOFJ					
	206 1. SELECT 2. SELECT	Devan INSTR(PLACE LENGTH(PNA	, 'E') FROM PA ME) FROM PA	SSENGER	WHERE MONTH	(DateofJou	irney)=8;			
07	206 1. SELECT 2. SELECT 3. SELECT	Devan INSTR(PLACE LENGTH(PNA LEFT(PNAME	, 'E') FROM PA ME) FROM PA ,2) FROM PAS	SSENGER	R WHERE MONTH WHERE SEX= 'F' AN	(DateofJou ND AMOUN	irney)=8; IT<=1500;			
27	206 1. SELECT 2. SELECT 3. SELECT Write a P	Devan INSTR(PLACE LENGTH(PNA LEFT(PNAME	, 'E') FROM PA ME) FROM PA ,2) FROM PAS	SSENGER	WHERE MONTH	(DateofJou ND AMOUN	irney)=8; IT<=1500;	rom 3		

		Inspiring Succ	ess		Si	uperNo	ova@learnpyt	hon4c	bse
ΡΥΤΙ	HON O	NLINE CLASSES	COMPUTER SC	C. INFO	ORMATICS PRA	4 <i>C.</i>	SAMPLE PAPERS	5 P	PYTHON MC
28	0 1 2 Write s i. Add a ii. Add a iii. Rem	NameSApple2Banana4Orange1uitable Python snew item namea column called Iove the column	60 statements for t d 'Guava' having Margin with the Margin.	he follow g price 17 following	5. data: [80,13,!		ons. Identify th	e type	3 of 3
	crime for each situation/incident happened to him? (i) He was constantly receiving abusive emails (ii) He clicked on an unknown link received as a result his personal sensitive information was acquired by someone (iii) His laptop was controlled by somebody in an unauthorised way OR What do you understand by Cyber crime? List any two cyber crimes? How cyber crimes are								;
	What de handled	l in our country?	2	-		imes? H	low cyber crime	es are	
30	What de handled	l in our country? on 'VAHAN ' is gi	ven below :	e? List any	y two cyber cr	-	low cyber crime	es are	3
30	What do handled A relatio VNO	l in our country? on 'VAHAN' is gi TYPE	ven below : COMAPNY	e? List any	y two cyber cr	QTY	low cyber crime	es are	3
30	What de handled A relatio VNO V1	in our country? on ' VAHAN ' is gi TYPE WAGONAR	ven below : COMAPNY MARUTI	e? List any YEAR 2009	y two cyber cr PRICE 325000	QTY 35	low cyber crime	es are	3
30	What do handled A relatio VNO V1 V2	in our country? on 'VAHAN' is gi TYPE WAGONAR JEEP	ven below : COMAPNY MARUTI MAHINDRA	e? List any YEAR 2009 2005	y two cyber cr PRICE 325000 1600000	OTY 35 10	low cyber crime	es are	3
30	What de handled A relation VNO V1 V2 V3	in our country? on ' VAHAN ' is gi TYPE WAGONAR JEEP MIRAGE	ven below : COMAPNY MARUTI MAHINDRA MITSUBISHI	e? List any YEAR 2009 2005 2009	y two cyber cr PRICE 325000 1600000 500000	QTY 35 10 15	low cyber crime	es are	3
30	What de handled A relation VNO V1 V2 V3 V4	in our country? on 'VAHAN' is gi TYPE WAGONAR JEEP MIRAGE RAV4	ven below : COMAPNY MARUTI MAHINDRA MITSUBISHI TOYOTA	 YEAR 2009 2005 2009 2012 	y two cyber cr PRICE 325000 1600000 500000 5500000	QTY 35 10 15 10	low cyber crime	es are	3
30	What de handled A relation VNO V1 V2 V3 V4 V5	in our country? on 'VAHAN' is gi TYPE WAGONAR JEEP MIRAGE RAV4 ALTO LXI	ven below : COMAPNY MARUTI MAHINDRA MITSUBISHI TOYOTA MARUTI	 YEAR 2009 2005 2009 2012 2012 	y two cyber cr PRICE 325000 1600000 500000 5500000 310000	QTY 35 10 15 10 45	low cyber crime	es are	3
30	What de handled A relation VNO V1 V2 V3 V4	in our country? on 'VAHAN' is gi TYPE WAGONAR JEEP MIRAGE RAV4 ALTO LXI FTO	ven below : COMAPNY MARUTI MAHINDRA MITSUBISHI TOYOTA MARUTI MITSUBISHI	 YEAR 2009 2005 2009 2012 2012 2012 2022 	y two cyber cr PRICE 325000 1600000 500000 5500000 310000 850000	QTY 35 10 15 10	low cyber crime	es are	3
30	What de handled A relation V1 V1 V2 V3 V4 V5 V6	in our country? on 'VAHAN' is gi TYPE WAGONAR JEEP MIRAGE RAV4 ALTO LXI	ven below : COMAPNY MARUTI MAHINDRA MITSUBISHI TOYOTA MARUTI	 YEAR 2009 2005 2009 2012 2012 	y two cyber cr PRICE 325000 1600000 500000 5500000 310000	OTY 35 10 15 10 45 8	low cyber crime	es are	3
30	What de handled A relation V1 V2 V3 V4 V5 V6 V7 V8 Write so i. Displa	in our country's on 'VAHAN' is gi TYPE WAGONAR JEEP MIRAGE RAV4 ALTO LXI FTO LANCER GLANZA uitable SQL quer y year wise high	ven below : COMAPNY MARUTI MAHINDRA MITSUBISHI TOYOTA MARUTI MITSUBISHI MITSUBISHI TOYOTA ies for the follow mest price	 YEAR 2009 2005 2009 2012 2012 2012 2012 2022 2021 2022 	y two cyber cr PRICE 325000 1600000 500000 5500000 310000 850000 733000	QTY 35 10 15 10 45 8 9	low cyber crime	es are	3
30	What de handled A relation VNO V1 V2 V3 V4 V5 V6 V7 V6 V7 V8 Write su i. Displa ii. Displa	in our country's on 'VAHAN' is gi TYPE WAGONAR JEEP MIRAGE RAV4 ALTO LXI FTO LANCER GLANZA uitable SQL quer y year wise high ay company wise	ven below : COMAPNY MARUTI MAHINDRA MITSUBISHI TOYOTA MARUTI MITSUBISHI MITSUBISHI TOYOTA ies for the follow mest price	YEAR 2009 2005 2009 2012 2012 2022 2021 2022 ving:	y two cyber cr PRICE 325000 1600000 500000 310000 850000 733000 659000 er of cars avail	QTY 35 10 15 10 45 8 9 12		es are	3
30	What de handled A relation VNO V1 V2 V3 V4 V5 V6 V7 V8 Write su i. Displa ii. Displa iii. Displa	in our country's on 'VAHAN' is gi TYPE WAGONAR JEEP MIRAGE RAV4 ALTO LXI FTO LANCER GLANZA uitable SQL quer y year wise high ay company wise ay sum of quant	ven below : COMAPNY MARUTI MAHINDRA MITSUBISHI TOYOTA MARUTI MITSUBISHI MITSUBISHI MITSUBISHI TOYOTA ies for the follow est price e lowest price	YEAR 2009 2005 2009 2012 2012 2012 2022 2021 2022 ving: nd number 0 use in deta	y two cyber cr PRICE 325000 1600000 500000 5500000 310000 850000 733000 659000 er of cars avail R	QTY 35 10 15 10 45 8 9 12	ar wise.		3

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16	earnpyth	on4ch	SP					Yo	utube Chani	nel:	-	
	an a	ring Succe					Super		a@learnpyt		14cbs	e
PYTH		CLASSES	COMPU	TER SC.	INFO	ORMAT	ICS PRAC.		AMPLE PAPER:			HON MCQs
		TABL	E: WA	FCHES			1		1			
	Watchid	Watch	Name	Price	Ty	pe	Qty_Sto	re				
	W001	High Time Life Time Wave		10000	0120040000	isex	100					
	W002			15000	Lac	lies	150					
	W003			20000	Ger		200					
	W004	High Fa		7000	Un	isex	250					
	W004	Golden Time		25000	Ger	24 M 2	100					
	W005	Lady bi	rd	8500	Lac	lies	150					
	i. Write a quer			-			ole watches					
	ii. Write a que											
	iii. Write a que	ery to disp	lay total r				ι.	oe.				
	Write a query	, to display	usum of n	OR (Opti		•		whor	o quantity av	ailak	lo ic	
	more than 100		/ sum or p		LUIES	unuer	each type t	MICI	e quantity avo	anar	NG 13	
32	Mr. Roshan, a		vst has de	sianed the	Data	Frame	edf that con	tain	s data about s	ales	made	e 4
_	by 4 salesman			•								-
			First			Secor	nd					
	Salesman1		23000			1800						
	Salesman2		11000			1500						
	Salesman3		60000			4000						
	Salesman4		35000			1200	0					
	A. Predict the i. df.shape ii. df[1:3] B. Write Pytho Salesman1 to	on stateme	ent to disp	blay the da	ta of S	Secon	d half yearly	/ colu	umn of indexe	ès		
				OR (Opti				- -		~		
	Write Python				splay t	ne sur	m of data of	Firs	t column and	Seco	ond	
	column of the	above giv	en Datari		FCTIO) DN - E						
22	Mrito cuitabla		u for the f			714 - C	1					5
33	Write suitable i. Display 7 cha hard teacher'.	aracters ex	,	0	left ch	naracte	er onwards	from	the string 'Ex	kper	ience	-
	ii. Display the iii. Round off t iv. Display the	he value 4 remainde	5.1876 to r of 77 div	o two place /ided by 4.	<u>)</u> .		-					
	v. Remove all 'result '.	the expect	ted leadin	g and trail	ing sp	aces f	rom a colun	nn st	udent_name	of tl	ne tab	le

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	Lea	arnpython4	cbse		Youtube Channel	:
		Inspiring S		Sup	erNova@learnpytho	n4cbse
Р	′ТНС	ON ONLINE CLASS	SES COMPUTER SC.	INFORMATICS PRAC.	SAMPLE PAPERS	PYTHON MCQs
				OR		
	i. ii ii iv	Explain the followir . LCASE() i. LTRIM() ii. SUBSTR() v. NOW() v. MONTHNAME()	ng SQL functions using s	uitable examples		
34	4 A	ABC Radio services i	is an international orgar	nization with their head	d office at Telangana	5
	T	hey are planning to	o set up its new centre a	at Kochi for its office ar	nd broadcasting activiti	ies. It has
			s as shown in the diagra		Ŭ	
		C C	pert have to suggest th		l solutions for their pro	blems
			eeping in mind the dista		•	
		., .,				
	þ	barameters.	Kochi			
			Kocm			
	[Telangana	Broadcasting	News collection		
			Advertisements	Recruitment		
	C	Center to Center dis	stance between various	blocks.		
		Broadcasting to Ne	ews collection	60 m		
		News collection to		125 m		
		Advertisements to	Recruitment	175 m		
		Broadcasting to Re		250 m		
		News collection to		100 m		
		Broadcasting to Ac		75 m		
1		Number of Compute	ers in each wing			
		Broadcasting		50		
		News collection		250		
		Advertisements Recruitment		50		
				100		

