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NATIONAL FORENSIC SCIENCES UNIVERSITY

M.Sc. Cyber Security - Semester - I

TA-I Examination

Subject Code: CTMSCS SI P1

Date: 26/09/2022

Subject Name: Essentials of Cyber Security and Cyber Warfare

Time:11.30AM to 12.15 PM

Total Marks: 25

Write any five questions	Marks
Explain common security threats and risk Describe any 5 windows cimmands which useful for security purpose Explain CIA triad with example. Explain cyber security essential and its domains. Explain any 5 network firewall functions with example. (f) explain PPT in terms of cyber security. Explain any two sydinternals utilities.	5 5 5 5 5 5

National Forensic Sciences University School of Cyber Security and Digital Forensics

M.Sc. Cyber Security / M.Sc. Digital Forensics and Information Security

Subject Code: CTMSCS/CTMSDFIS SII P2	Date: 12-10-2022		
Subject Name: Cyber Security Audit and Compliance Exam: TA-I	Time:		
Q1. Illustrate the requirement and importance of cyber security audit in an orga	anization?	[7 Marks]	
O2. You are working as an auditor and your client does not have IT Security po		the risk and [7 Marks]	
importance of this control to your client. On What do you mean by compliance? How an organization can get compliance.	ace?	[5 Marks]	
OR			
Q3. What is a risk based approach? Explain with technical example.		[5 Marks]	
Q4. Explain various types of assessment methods. Q5. What is ISO 27001 Organization of Information Security?		[3 Marks]	
		[3 Marks]	

National Forensic Sciences University School of Cyber Security and Digital Forensics

MSc Cyber Security - Semester I TA I - CTMSCS P3 : Artificial Intelligence

Date: 27-09-2022

Time: 11.30 to 12.15

Marks: 25

Q1 Answer the following questions (Any Three)

[18 Marks]

- 1. Describe Five characteristics of Python language? Discuss Difference Between List and Array
- 2. Identify five data quality issues in the sample dataset shown in the following

Table. Suggest, how do you resolve these quality issues?

ble. Suggest, how do you resolve these quanty issues?					
		HEIGHT	WEIGHT	BLOOD	COVID-19
TURNE		1		GROUP	RESULT
RAMA	45	145	62kg	O+ve	Positive
	43	168	45kg	B+ve	Negative
	38	172	60kg	Iam+ve	Positive
	45	168	52kg	AB+ve	Negative
	22	157	78kg	B-ve	1 2
	36	157	54kg	O-ve	Negative
	350	132	48kg	O-ve	Positive
	32	180	120lbs	AB-ve	Negative
	25	el i	85kg	O+ve	0,
		165	68kg	O-ve	Negative
	36	157	54kg	O-ve	Negative
	RAMA SEETHA Akbar BIRBAL THenali Venkat Rajuu HARI Inba SysUse789 Venkat	NAME AGE RAMA 45 SEETHA 43 Akbar 38 BIRBAL 45 THenali 22 Venkat 36 Rajuu 350 HARI 32 Inba 25 SysUse789 20	NAME AGE HEIGHT RAMA 45 145 SEETHA 43 168 Akbar 38 172 BIRBAL 45 168 THenali 22 157 Venkat 36 157 Rajuu 350 132 HARI 32 180 Inba 25 SysUse789 20 165	NAME AGE HEIGHT WEIGHT RAMA 45 145 62kg SEETHA 43 168 45kg Akbar 38 172 60kg BIRBAL 45 168 52kg THenali 22 157 78kg Venkat 36 157 54kg Rajuu 350 132 48kg HARI 32 180 120lbs Inba 25 85kg SysUse789 20 165 68kg	NAME AGE HEIGHT WEIGHT BLOOD GROUP RAMA 45 145 62kg 0+ve SEETHA 43 168 45kg B+ve Akbar 38 172 60kg Iam+ve BIRBAL 45 168 52kg AB+ve THenali 22 157 78kg B-ve Venkat 36 157 54kg O-ve Rajuu 350 132 48kg O-ve HARI 32 180 120lbs AB-ve Inba 25 85kg O+ve SysUse789 20 165 68kg O-ve

- 3. Clearly bring out the difference between ML and DL along with the examples.
- 4. Discuss the following python Libraries and list out Three functions/methods from each of the liabrary

I. Matplotlib

II. numPy

III. Pandas

Q2 Answer the following questions

7 [7 Marks]

Define Linear Equation. Solve following Linear Equation using Inverse method

nation. Solve following Linear Equation using filterise med
$$Y=X+2$$

$$Y=-2X+8$$

$$Y=-2X+8$$

$$Y=-2X+8$$

Seat No.:			Enrolment No		
Subject	Nam	NATIONAL FORENSIC SCIENCES M.Sc. Cyber Security - Seme TA-I Examination e: CTMSCS SI P4 ne: Web Application Security M to 15.15 PM	UNIVERSITY ester - I Date: 27/09/2022 Total Marks: 25		
			Mari	ks	
		Section -A (Any Three)			
((a)	Define terms: -	5		
		-Vulnerability			
		-Threat			
		-Attack			
		-Shellcode	_		
((b)	What is Information Gathering? And its type?	5		
	(c)	Explain Google dork with example and pre-	vention against sensitive 5		
	. ,	data leak with google dork.			
	(d)	Explain AAA.	5		
	` /	Section -B			
((e)	What is VAPT and Importance of vulnerability	ty assessments.	0	