		Examination 2020 under cluster 4 (PCE)	
		Program: BE Computer Engineering	
		Curriculum Scheme: Rev 2016	
		Examination: BE Semester VII	
		Course Code: CSDLO7031 and Course Name: Adv. System Security & Digiatl Forensics	
Time: 1 hour			**Max. Marks: 50**
	Q=QUESTIO	question_description	question_type
Q. No	A=ANSWER		answer_isright
1	Q	When server/ system are unable to handle excelessive amount of data flov	M
	A	DoS (Denial of Service) attack	1
	A	Buffer Overflow attack	0
	A	Cross Site Scripting (XSS)	0
	A	Session Hijacking	0
2	Q	Using _____ can be track user's keystroke.	M
	A	Keylogging	1
	A	Keyhijacking	0
	A	Keyboard monitoring	0
	A	Keystrockes	0
3	Q	Time-Of-Check To Time-Of-Use errors is also known as _____	M
	A	Buffer overflows	0
	A	virus	0
	A	Incomplete mediation	0
	A	race conditions	1
4	Q	Which of the following is true for encryption/integrity protection in UMT	M
	A	KASUMI is used in OFB mode for block encryption	0
	A	KASUMI is used in CFB mode for block encryption	0
	A	KASUMI is used in CBC mode for Integrity Protection	1
	A	A keyed Hash is used for Integrity Protection	0
5	Q	_____ supports the operation and maintenance of GSM.	M
	A	BSS	0
	A	NSS	0
	A	OSS	1
	A	MSC	0
6	Q	What are the legal devices that can protect computers, programs, and data	M
	A	Privacy, Accuracy, Property, and Accessibility	0
	A	Privacy, Accountability, Property, and Accessibility	0
	A	Privacy, Accountability, Property, and Patent	0
	A	Copyrights, patents, and trade secrets	1
7	Q	What is SafeBack ?	M
	A	a small application that is designed to run from a DOS boot RAM	0
	A	a small application that is designed to run from a DOS boot HD	0
	A	a small application that is designed to run from a DOS boot floppy	1
	A	a small application that is designed to run from a DOS boot pendrive	0
8	Q	The first tool for making forensic copies of computer storage media was:	M
	A	EnCase	0
	A	Expert Witness	0
	A	dd	1
	A	Safeback	0
9	Q	Which ACT is clarified in 1998, some issues of digital objects (such as m	M

	A	Digital Copyright Act		0
	A	Copyright Law		0
	A	Digital Millennium Copyright Act (DMCA)		1
	A	Digital Evidence Act		0
10	Q	In UMTS, the security mechanisms employed between the Mobile Station	M	
	A	Sequence Number Management		0
	A	Encryption and Integrity Protection		1
	A	User Authentication		0
	A	Network Authentication		0
11	Q	Which of the following is the world's first cellular system to specify digit	M	
	A	GSM		1
	A	AMPS		0
	A	CDMA		0
	A	IS-54		0
12	Q	A SOAP binding refers to	M	
	A	the objects to a SOAP message		0
	A	the XML schema of a SOAP message		0
	A	the mapping between a SOAP message & uderlying transport protocol		1
	A	the headers in a SOAP messages		0
13	Q	SSL is predecessor of which crptographic protocol?	M	
	A	Transport Layer security		1
	A	SSL3.0		0
	A	HTTPS		0
	A	IPsec		0
14	Q	_____ is an unforgettable token that gives rights to an objec	M	
	A	Capability List		1
	A	ACL		0
	A	ACM		0
	A	Tagged Architecture		0
15	Q	The basic elements of model of access control are:	M	
	A	Subject, Object, Access right		1
	A	Capability list, Object, Access right		0
	A	Centralized, Decentralized		0
	A	Capability list,Centralized,User		0
16	Q	Using a communications channel in a way that was not intended	M	
	A	CAPTCHA		0
	A	Covert channel		1
	A	linearization		0
	A	Trapdoors		0
17	Q	_____ virus modifies itself to avoid detection	M	
	A	Polymorphic virus		1
	A	Stealth virus		0
	A	Transient		0
	A	Boot Sector		0
18	Q	Which of the following provides a token service that can be used to prese	M	
	A	OAuth		1
	A	SAML		0
	A	Ocheck		0
	A	TCP		0

19	Q	A contract must involve which of the following three things?	M	
	A	an offer, an acceptance, and a consideration		1
	A	an offer, Non-acceptance, and a consideration		0
	A	an agreement, Non-acceptance, and a consideration		0
	A	an agreement, Non-acceptance, and a behaviour		0
20	Q	_____searches through raw data on a hard drive without using a file s	M	
	A	Data mining		0
	A	Data Carving		1
	A	Meta data		0
	A	Data Spoofing		0
21	Q	The MAC computed in UMTS(Universal Mobile Telecommunication Ser	M	
	A	Authenticate the Base station to the SIM Card		0
	A	Authenticate MSC/HLR to the SIM card		1
	A	Authenticate the SIM Card to the Base station		0
	A	Authenticate the SIM card to the MSC/HLR to		0
22	Q	_____ manages the switching function in GSM.	M	
	A	BSS		0
	A	NSS		1
	A	OSS		0
	A	MSC		0
23	Q	WPA and WPA2 share which of the following security component:	M	
	A	CCMP		0
	A	TKIP		1
	A	AES		0
	A	RC4		0
24	Q	If use logs in into one appliction and it use same state of signed in for oth	M	
	A	Kerberos		0
	A	Multilevel Security		0
	A	Single Sign on		1
	A	Federation Identity Management		0
25	Q	The message integrity check in Counter Mode with CBC MAC Protocol (	M	
	A	Two-phase key mixing		0
	A	AES in CBC mode		1
	A	A keyed Hash		0
	A	A CRC		0