



**G.T.N.ARTSCOLLEGE(Autonomous),Dindigul**

**ODDSemester(2022–2023)**

**OBE Regulation – 2020**

**Continuous Internal Assessment Test–II**

Programme: BBA Semester:III

Class : Iyear

Course Title: Computer Literacy for Managers-Theory

Course Code: 20UBAC34

Course Outcomes (COs):

Date: 24/11/2022

Time: 3.30PM-5.00PM

Max.Marks:30

CO1	Outline the fundamental knowledge about Computer
CO2	Make use of MS Word and its tools for Professional documents
CO3	Organize and perform data analysis by using MS Excel
CO4	Develop a perfect PowerPoint presentations for business purposes
CO5	Make use of internet facilities for day to day business activities

Qn. No.	Section –A Answer ALL the Questions(6x 1 =6 )	CO(s)	K– Level
1	_____ is the intersection of a column and a row. A.Column            B.Value C.Address            D.Cell	CO3	K1
2	_____ is the type of chart is useful for comparing values. A.Pie Chart            B.Column Chart C.Line Chart            D.Dot Graph	CO3	K2
3	_____ is the file extension of the PowerPoint. A.ppt            B.jpg C.html            D.doc	CO4	K1
4	_____ is the shortcut key to start the slideshow. A.F5 key            B.F3 key C.F1 key            D.F6 key	CO4	K2
5	_____ is the protocol used in the internet. A.HTTP            B.DHCP C.DNS            D.SMTP	CO5	K1
6	ERP system is for _____. A.major departments only.    B.entire organization. C.marketing and sales.    D.production department	CO5	K2

Qn.No.	Section –B Answer ALL the Questions(3x 4 =12)	CO(s)	K–Level
7	A Discuss in detail about filter in excel.	CO1	K2
	OR		
	B Explain the types of Charts in excel.	CO1	K2
8	A State the functions of themes in power point.	CO2	K2
	OR		
	B Explain the concept of slide show in power point.	CO2	K2
9	A Describe about uses of internet.	CO3	K2
	OR		
	B State the functionality of browsing and downloading	CO3	K2

Qn. No.	Section –C Answer any two Questions (2x6=12)	CO(s)	K– Level
10	State all the steps involving in function in excel.	CO1	K3
11	Explain in detail about animation and transition effects in power point.	CO2	K3
12	Demonstrate overview of E-Business and its characteristic.	CO3	K3

**~ All the best ~**



G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – II

Programme : BSc IT

Semester : I

Class : Ist year

Date : 24/11/2022

Course Title : Introduction to Programming

Time : 9.00am-10.30am

Course Code: 20UITC11

Max. Marks: 30

Course Outcomes (COs):

CO1	Explain the Linux files systems, Linux Commands and process status.
CO2	Classify various Control structures and operators.
CO3	Explain Functions and Arrays.
CO4	Experiment structures and union.
CO5	Make use of pointers and Files in various programs.

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6 )	CO (s)	K – Level
1	An array elements are always stored in _____ memory locations. A. Random                      B. Random and Sequential C. Sequential                      D. Dynamic	C O3	K1
2	How do you initialize an array in C? A. int arr[3]=(1,2,3);              B. int arr[3]={1,2,3}; C. int arr(3)=(1,2,3);              D. int arr{3}=(1,2,3);	C O3	K1
3	_____ have elements of different data types. A. Structure                      B. array C. function                      D. array & structure	C O4	K1
4	Members of a union are accessed as _____. A. union_name .\$member B. union_name->member C. union_name:member D. union_name . member	C O4	K1

5	A pointer variable contains as its value the _____ of another variable. A. content                      B. address C. function                      D. constant	C O5	K1
6	If there is any error while opening a file, fopen will return _____. A. Nothing                      B. EOF C. NULL                      D. Depends on compiler	C O5	K1

Qn.No.	Section – B Answer ALL the Questions (3 x 4 = 12 )	CO(s)	K – Level
7	A Explain about dynamic Array. How is it created?.	CO3	K1
	OR		
8	B Develop a program to prepare student mark list using one dimensional array.	CO3	K1
	OR		
9	A Express the rules for initializing structures.	CO4	K1
	OR		
9	B Distinguish between structures and union.	CO4	K2
	OR		
9	A Judge in detail about command line arguments.	CO5	K2
	OR		
9	B Report the guidelines to use fprintf() and fscanf() functions in C language.	CO5	K2

Qn. No.	Section – C Answer any two Questions (2 x 6=12 )	CO(s)	K – Level
10	Report about recursive function with sample code.	CO3	K1
11	Illustrate a C program to create structure with five student's details and display the same.	CO4	K2
12	Record with example about pointers in detail..	CO5	K2



G.T.N. ARTS COLLEGE (Autonomous), Dindigul  
 EVEN Semester (2021 – 2022)  
 OBE Regulation – 2020

Continuous Internal Assessment Test – II

Programme : BSc IT Semester: III  
 Class : II year Date: 24/11/2022  
 Course Title : Database Management System Time: 1.30 pm-3.00pm  
 Course Code : 20UITC31 Max. Marks: 30

Course Outcomes (COs):

CO1	Understand the basic Database concepts and its Architecture.
CO2	Experiment with various SQL Queries.
CO3	Make use of Database Models.
CO4	Identify various Storage Management and Indexing.
CO5	Utilize various Transaction Management, Concurrency Control and Recovery System.

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	In 2NF _____ dependency is removed. A. Functional C. Partial B. Associative D. Transitive	CO3	K2
2	The degree of a relationship refers to the _____. A. Number of entities B. Maximum cardinality C. Minimum cardinality D. Number of attributes in the	CO3	K2
3	The method of access which uses key transformation is known as _____. A. direct B. hash C. random D. sequential	CO4	K1
4	The number of types of ordered indices are _____. A. 2 B. 3 C. 4 D. 5	CO4	K1
5	Locks placed by command are called _____. A. implicit locks B. explicit locks C. exclusive locks D. shared locks	CO5	K1

6	To maintain transactional integrity and database consistency, the DBMS deploy _____ technology. A. Triggers B. Pointers C. Locks D. Cursor	CO5	K1
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Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A Classify different types of Anomalies in relational databases.	CO3	K2
	OR		
8	B Show 4NF in Normal form in Normalization.	CO3	K2
	OR		
9	A Examine the need for RAID.	CO4	K1
	OR		
10	B Describe the index schemas used in databases.	CO4	K1
	OR		
11	A Explain short notes on: i) Transaction concept. ii) Deadlock.	CO5	K2
	OR		
12	B How the time stamps are implemented? Explain.	CO5	K2

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	Explain about Functional Dependencies and its impact on the data base.	CO3	K2
11	Discuss briefly about B+ tree index file with example.	CO4	K2
12	Discuss briefly about 1NF.	CO5	K3

~~All THE BEST~~



G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – II

Programme : BSc IT

Semester: III

Class :II year

Date: 25.11.22

Course Title :Data Structures and Computer Algorithms Time: 1.30-3.00pm

Course Code: 20UITC32

Max. Marks: 30

Course Outcomes (COs):

CO1	Understand basic data structures such as arrays and linked list.
CO2	Explain the concept of stacks and queues.
CO3	Build trees based on our Application.
CO4	Understand the various algorithm design techniques and strategies.
CO5	Apply the right strategy for solving a problem.

A. A spanning tree	B. A minimum spanning tree		
C. Bellman-ford algorithm	D.DFS traversal		

Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12 )		CO(s)	K – Level
7	A	Identify the applications of Trees.	CO3	K2
	OR			
8	B	Transform the below expression to Binary Tree Structure. $A+B-C*(E-F)/G.$	CO3	K2
	OR			
9	A	Write a routine for Merge Sort.	CO4	K3
	OR			
10	B	Discover the difference between Merge Sort and Quick Sort.	CO4	K3
	OR			
11	A	Explain in detail about Greedy method.	CO5	K3
	OR			
12	B	Illustrate the routine for Job Scheduling algorithm.	CO5	K3
	OR			

Qn. No.	Section – C Answer any two Questions (2 x 6=12 )		CO(s)	K – Level
13	Show the output when you apply Preorder, Inorder and Postorder traversal in the following expressions $(A+B*C)+((D*E+L)*G).$		CO3	K2
14	Determine the working principles of Binary Search Algorithm.		CO4	K3
15	Compute an optimal solution to the Knapsack instance . $N=7, m15, (p1,p2,p3,p4,p5,p6,p7)=(10,5,15,7,6,18,3)$ and $(w1,w2,w3,w4,w5,w6,w7)=(2,3,5,7,1,2,4).$		CO5	K3

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6 )	CO (s)	K – Level
1	An important application of binary tree is _____. A. Huffman coding                      B. Stack implementation C. Queue implementation              D. Traverse a cyclic graph	CO3	K1
2	An algorithm is _____. A. A procedure for solving a problem      B. A problem C. A real life mathematical problem      D. A solution	CO3	K1
3	Optimization of an algorithm means _____. A. Making that algorithm fast by time and compact by space. B. Making that algorithm slow by time and large by space. C. Making that algorithm fast by time and large by space. D. Making that algorithm slow by time and compact by space.	CO4	K1
4	The time complexity of binary search using recursion is _____. A. $O(n \log n)$ B. $O(\log n)$ C. $O(n)$ D. $O(n^2)$	CO4	K1
5	The knapsack problem is an example of _____. A. Greedy algorithm                      B. 2D dynamic programming C. 1D dynamic programming              D. Divide and conquer	CO5	K1
6	The travelling salesman problem can be solved using _____. A. Greedy algorithm                      B. 2D dynamic programming C. 1D dynamic programming              D. Divide and conquer	CO5	K1

~All the Best~



G.T.N. ARTS COLLEGE (Autonomous), Dindigul  
 EVEN Semester (2021 – 2022)  
 OBE Regulation – 2020  
 Continuous Internal Assessment Test – II

Programme : BSc IT

Semester: V

Class : III year

Date: 23/11/2022

Course Title : Data Communication and

Computer Networks

Time: 9- 10.30

Course Code: 20UITC51

Max. Marks: 30

Course Outcomes (COs):

CO1	Understand the basics of data communication, networking, internet and their importance.
CO2	Classify the services and features of LAN and WAN networks.
CO3	Illustrate wired and wireless computer networks.
CO4	Summarize TCP/IP and their protocols.
CO5	Demonstrate various network security issues

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	Bluetooth have ____ frequency. C. 2.4 MHz                      C. 5.0 GHz D. 2.4 GHz                      D. 5.0 MHz	CO3	K1
2	Three or more devices share a link in ----- connection. _____ A. Multipoint                      C. Unipoint B. Point to point                      D. Simple	CO3	K2
3	Communication offered by TCP is _____ A. Byte by byte                      C. Semi-duplex B. Half-duplex                      D. Full-duplex	CO4	K1
4	Transport layer protocols deals with _____ A. node to node communication B. man to man communication C. process to process communication D. application to application communication	CO4	K2
5	When the mail server sends mail to other mail servers it becomes _____ A. SMTP client                      C. SMTP server B. Peer                      D. Master	CO5	K1

6	An algorithm in encryption is called _____ A. Cipher                      C. Module B. Algorithm                      D. Procedure	CO5	K2
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Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A Explain some application of wireless LANs.  OR	CO3	K3
	B Write and explain GSM.		
8	A Discuss the services offered by TCP.  OR	CO4	K2
	B Discuss the shortcomings of IPV4.		
9	A Examine Hypertext and Hypermedia.  OR	CO5	K3
	B Explain vulnerability.		

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	Examine the WLAN requirements.	CO3	K3
11	Discuss the Transmission control protocol.	CO4	K2
12	Examine Client-Server model.	CO5	K3

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G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – II

Programme : BSc IT

Semester: III

Class : III year

Date: 23.11.22

Course Title : Python Programming

Time: 11.00-12.30pm

Course Code: 20UITC52

Max. Marks: 30

Course Outcomes (COs):

CO1	Understanding the basic concepts of computer and Python Programming.
CO2	Explain the basic principles of python programming language.
CO3	Express different Decision Making and Looping Statements.
CO4	Develop python programs using strings, list and files.
CO5	Apply Object Oriented Programming concepts.

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO (s)	K – Level
1	The _____ statement skips the current iteration and also skips the remaining statements within the body of a loop. B. Iteration D. Continue B. Condition D. Break	CO3	K2
2	for loop is _____controlled loop. A. exit C. simple B. entry D. exit and entry	CO3	K2
3	Given a string example="hello" what is the output of example.count('l')? A. 2 B. 1 C.2 D. 0	CO4	K1
4	_____ keyword is used for function A. fun C. define B. def D. function	CO4	K2
5	_____ method is used to remove or delete a file. A. fname() C. delete() B. flush() D. remove()	CO5	K1
6	_____ is a Python tuple.	CO5	K2

B. [1,2,3,4]	B. (1,2,3,4)		
D. {1,2,3,4}	D.<1,2,3,4>		

Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)		CO(s)	K – Level
7	A	Describe conditional expressions with program.	CO3	K2
	OR			
8	B	Illustrate with flow chart about while loop with example.	CO3	K2
	OR			
9	A	Explain the range function in python with example.	CO4	K3
	OR			
8	B	Identify did list is mutable? Does a list need to be homogeneous? Explain it.	CO4	K3
	OR			
9	A	Explain display class attributes and methods.	CO5	K3
	OR			
9	B	Define Tuples. Explain with example how it is created.	CO5	K3

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	Explain loop control statement with example.	CO3	K2
11	Illustrate a program to merge two dictionary.	CO4	K3
12	Interpret classes and objects with example.	CO5	K3

~All the Best~



**G.T.N.ARTSCOLLEGE(Autonomous),Dindigul**

**ODDSemester(2022–2023)**

**OBE Regulation – 2020**

**Continuous Internal Assessment Test–II**

Programme: B.Sc(IT)

Semester: V

Class :IIIyear

Date:24/11/2022

CourseTitle: Software Engineering

Time: 9.00-10.30am

CourseCode: 20UITC53

Max.Marks:30

CourseOutcomes (COs):

CO1	Define software Engineering.
CO2	Explain various software development models and processes
CO3	Create UML diagrams for a given software requirement specification.
CO4	Report a Design Documents and Explain review techniques.
CO5	Apply software Testing methods.

Qn. No.	Section –A AnswerALL theQuestions(6x 1 =6 )	CO(s)	K– Level
1	Class based requirements modeling method describes A. Data attributes that describe the object B. Class of objects planning C. Object and its unstated D. Design data attributes	CO3	K2
2	Class responsibility defined by _____ A. Its attributes only B. Its operations only C. Both A & B D. Operators & functions	CO3	K2
3	_____ is not included in Architectural design decisions. A.Type of application B.Architectural styles C.Distribution of the system D. Testing the system	CO4	K1
4	In simulation _____ kind of generality techniques are used. A. General Purpose B. System Specific C.Domain Specific D.Both A & C	CO4	K2
5	ITG stands for _____. A.Instantaneous Test Group B.Integration Testing Group	CO5	K1

	C.Individual Testing Group D.Independent Test Group		
6	Boundary value analysis belongs to _____ A.White Box Testing B.Black Box Testing C.Gray Box Testing D.Beta testing	CO5	K2

Qn.No.	Section –B AnswerALL theQuestions(3x 4 =12)	CO(s)	K– Level
7	A Express the topic writing a formal use case with diagram.  OR	CO3	K2
	B Illustrate the analysis packages of class based modeling.	CO3	K2
8	A Discuss about software architecture.  OR	CO4	K2
	B Show the structure chart diagram for traditional view and explain it.	CO4	K2
9	A Differentiate the verification and validation.  OR	CO5	K2
	B Explain the internal and external views of testing.	CO5	K2

Qn. No.	Section –C AnsweranytwoQuestions (2x6=12)	CO(s)	K– Level
10	Report the UML models that supplement the use case.	CO3	K2
11	Choose any two designing class-based components and explain it.	CO4	K3
12	Explain the system testing and its different types.	CO5	K3

~ All the best ~





G.T.N. ARTS COLLEGE (Autonomous), Dindigul

EVEN Semester (2021 – 2022)

OBE Regulation – 2020

Continuous Internal Assessment Test – II

Programme : BSc IT

Semester: V

Class : III year

Date: 25/11/2022

Course Title : **Data Mining**

Time:9-10.30AM

Course Code: **20UITC54**

Max. Marks: 30

Course Outcomes (COs):

CO1	Explain the architecture of data mining process.
CO2	Associate suitable data pre-processing methods and algorithms.
CO3	Examine different classification and clustering techniques.
CO4	Explain stream mining.
CO5	Determine the processing methods for Massive data sets.

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6 )	CO(s)	K – Level
1	Spam Classification is an example for _____ E. Naive Bayes                      C. Probabilistic condition F. Random Forest                  D. Hierarchical clustering	CO3	K1
2	<b>Telecommunication companies desire to segment their clients into distinct groups in order to send suitable and related subscription offer is _____</b> C. Unsupervised learning          C. supervised learning D. Serration                              D. Data extraction	CO3	K2
3	The technique, _____ is used to filter the data stream. C. Bloom filter                          C. Data filter D. Accept filter                          D. Stream filter	CO4	K1
4	A pattern is considered frequent if its count satisfies a _____. E. Maximum support                  C. minimum support F. Min-max support                      D. High-low support	CO4	K2
5	Querying unstructured text data is known as _____. C. Information retrieval              C. Information access D. Information update                  D. Information manipulation	CO5	K1
6	The ____ clustering technique needs the merging approach. C. Partitioned                              C. Naïve bayes D. Hierarchical                              D. k-means	CO5	K2

Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12 )	CO(s)	K – Level
7	A Demonstrate decision tree.	CO3	K3
	OR		
7	B Difference between K-Means and K-Mediods Algorithms.	CO3	K3
	OR		
8	A Discuss about stream mining.	CO4	K2
	OR		
8	B Describe time series database.	CO4	K2
	OR		
9	A Employ the foundations of data mining.	CO5	K3
	OR		
9	B Illustrate the scope of data mining.	CO5	K3

Qn. No.	Section – C Answer any two Questions (2 x 6=12 )	CO(s)	K – Level
10	Manipulate the Naive Bayesian Classification algorithm.	CO3	K3
11	Recognize counting frequency items in a stream.	CO4	K2
12	Demonstrate Multimedia data mining	CO5	K3

~~All THE BEST~~





G.T.N. ARTS COLLEGE (Autonomous), Dindigul  
 EVEN Semester (2021 – 2022)  
 OBE Regulation – 2020

Continuous Internal Assessment Test – II

Programme : BSc IT Semester: V  
 Class : III year Date: 26/11/2022  
 Course Title : Cryptography and Network Security Time: 9-10.30AM  
 Course Code: 20UITE51 Max. Marks: 30

Course Outcomes (COs):

CO1	Recognize the different types of security attack
CO2	Understand the Substitution and Transposition Techniques
CO3	Use the Symmetric key Algorithms
CO4	Apply the Asymmetric Key Algorithms
CO5	Illustrate the Electronic Mail Security and IP Security

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	A. _____ is based on the IDEA algorithm. A. S/MIME B. PGP C. SET D. SSL	CO3	K1
2	The Blowfish algorithm executes the _____ for subkey generation. A. P-array B. Blowfish C. IDEA D. Rijndael	CO3	K1
3	The private key _____. A. must be distributed B. must be shared with everyone C. must remain secret with an individual D. need not to distributed	CO4	K1
4	A _____ is used to verify the integrity of a message. A. decryption algorithm B. message key C. digital envelope D. message digest	CO4	K1
5	SSL works between _____ and _____. A. application server, database server B. Web browser, Web server C. Web server, application server D. Web browser, application server	CO5	K1

6	The record protocol is the _____ message in SSL. A. first B. second C. third D. last	CO5	K1
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Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A Explain the main concepts in RC4. OR	CO3	K3
	B Illustrate the concept of Sub key Generation in Blowfish.	CO3	K3
8	A Discuss about Message Digests with necessary information. OR	CO4	K2
	B Explain the real Crux of RSA.	CO4	K2
9	A Show the difference between SSL and SET. OR	CO5	K3
	B Illustrate the steps in SET Process.	CO5	K3

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	Show the performance of Advanced Encryption Standard (AES).	CO3	K3
11	Discuss in detail about Knapsack Algorithm and its applications.	CO4	K2
12	Show the reasons why Simple Mail Transfer Protocol (SMTP) is best for email security.	CO5	K3

~~ALL THE BEST~~



G.T.N. ARTS COLLEGE (Autonomous), Dindigul  
 EVEN Semester (2021 – 2022)  
 OBE Regulation – 2020

Continuous Internal Assessment Test – II

Programme : BSc IT  
 Class : III year  
 Course Title : Ethical Hacking  
 Course Code: 20UITE52  
 Course Outcomes (COs):

Semester: V  
 Date: 26/11/2022  
 Time: 9-10.30AM  
 Max. Marks: 30

CO1	Understand the basics of the ethical hacking
CO2	Perform the foot printing and scanning
CO3	Determine the malware and their attacks to detect and prevent them
CO4	Explain the techniques for system hacking
CO5	Discover the security attacks in different environments

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	_____ is done only after the target user has connected to the server. G. Hijacking                      C. Cracking H. Server hacking                D. 5.0 MHz	CO3	K1
2	There are _____ main types of spyware. E. 4                                      C. 5 F. 7                                      D. 6	CO3	K2
3	Mobile security is also known as _____ E. Database security                C. Cloud security F. OS Security                        D. Wireless security	CO4	K1
4	SQL Injection is also known as _____ G. SQLI H. Injection I. SQL J. SQL Inj	CO4	K2
5	ACL stands for _____ E. Access Control List                C. Access Control Logs F. Anti-Control List                    D. Access Condition List	CO5	K1

6	_____ is the Cloud Platform provided by Amazon? E. AWS                                      C. Azure F. Cloudera                                D. vmware	CO5	K2
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Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A Explain how to Detecting Trojans and Viruses	CO3	K3
	OR		
7	B Clarify active and passive session hijacking techniques.	CO3	K3
	OR		
8	A Compare WEP, WPA and WPA2.	CO4	K2
	OR		
8	B Explain the web server attack methodology.	CO4	K2
	OR		
9	A Explain Firewall and Types of Firewalls	CO5	K3
	OR		
9	B Examine Biometrics authorization.	CO5	K3

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	Write different types of sniffing attacks? Explain each in brief.	CO3	K3
11	Discuss Wireless Encryption Mechanisms	CO4	K2
12	Explain the impact of social engineering attack on an organization.	CO5	K3

~~ALL THE BEST~~



**G.T.N. ARTS COLLEGE (Autonomous), Dindigul**

Odd Semester (2021- 2022) OBE Regulation – 2020

is Internal Assessment Test – II

Programme: NME

Class: BBA, B.Com (CA)

Course Title: Fundamentals of Information Technology

Course Code: 20UITN11

Course Outcomes (COs):

No.	Course Outcome
CO1	Relate the basics of computer system, its architecture
CO2	Describe the Central Processing Unit and Memory.
CO3	Classify the various Input and Output Devices
CO4	Explain about Computer software and its type.
CO5	Make use of Internet and Build the Web documents.

		4	
4	Describe working principles of real – time operating system.	C O 4	K2
Semester: I			
Date: 25/11/2020			
Time: 11.00am-12.00pm	Write a brief notes about star topology.	C O 5	K2
Max. Marks: 15			

Qn. No.	Section – B Answer any one Questions (1 x 5 = 5 )	C O (s)	K – Level
6	A Examine the different types of networks.	C O 4	K2
	O R		
B	Classify the software based on its functionality.	C O 5	K2

Qn. No.	Section – A Answer All the Questions (5 x 2 = 10 )	C O ( s )	K – Level
1	List the types of keys in the key board.	C O 3	K2
2	Examine ink jet and laser printer.	C O 3	K2
3	Describe application software.	C O	K1



G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – I

Programme : BBA

Semester : III

Class : II year

Date : 13.10.22

Course Title : Computer Literacy for Managers-Theory

Time : 03.30 – 05.00 pm

Course Code: 20UBAC34

Max. Marks: 30

Course Outcomes (COs):

CO1	Outline the fundamental knowledge about Computer
CO2	Make use of MS Word and its tools for Professional documents
CO3	Organize and perform data analysis by using MS Excel
CO4	Develop a perfect PowerPoint presentations for business purposes
CO5	Make use of internet facilities for day to day business activities

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	Which of the following is not a characteristic of a computer? A. Intelligence                      B. Speed C. Versatility                          D. Automation	CO1	K1
2	_____ is an output device. A. Keyboard                          B. Mouse C. Light pen                          D. Display unit	CO1	K1
3	The Cut, Copy, Paste, and Format painter are located in _____ Office applications. A. Font                                  B. Clipboard C. Paragraph                          D. Editing	CO2	K1
4	Changing all the text to the Capital is called _____. A. Uppercase                          B. Lowercase C. Sentence case                      D. Capitalize Each Word	CO2	K1
5	To wrap the text in a cells _____ is used. A. Format cells font                      B. Format cells protection C. Format cells number                  D. Format cells alignment	CO3	K1
6	When applying conditional formatting, we can check the conditions against _____. A. Cell value                          B. Formula C. Column Value                      D. Row Value	CO3	K1

Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A Name the difference between RAM and ROM.	CO1	K1
	OR		
	B Explain the types of input devices.	CO1	K1
8	A State the functions of page setup.	CO2	K1
	OR		
	B Explain the concept of reference in MS word.	CO2	K1
9	A Describe about table layout in MS word.	CO3	K1
	OR		
	B State the functionality of charts and links in Ms excel.	CO3	K1

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	State all the characteristics of computer.	CO1	K1
11	Explain in detail about insert menu in MS word.	CO2	K2
12	Demonstrate overview of table and function in Ms excel.	CO3	K3

~ All the best ~



G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – I

Programme : BSc IT

Semester : I

Class : I year

Date : 13.10.22

Course Title : Introduction to Programming

Time : 09-10.30am

Course Code: 20UITC11

Max. Marks: 30

Course Outcomes (COs):

CO1	Explain the Linux files systems, Linux Commands and process status.
CO2	Classify various Control structures and operators.
CO3	Explain Functions and Arrays.
CO4	Experiment structures and union.
CO5	Make use of pointers and Files in various programs.

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	Core of linux operating system is _____. A. Shell                                  B. Kernel C. Terminal                                 D. Command	CO 1	K1
2	_____ command is used to display the operating system name. A. uname-t                                 B. uname-r C. uname                                     D. uname-n	CO 1	K1
3	The father of C language is _____. A. Charles Babbage                        B. James Gosling C. Dennis Ritchie                         D. Tim Berners Lee	CO 2	K1
4	_____ operator returns the number of bytes the variable occupies. A. malloc()                                 B. calloc() C. sizeof                                     D. Lengthof	CO 2	K1
5	Every c program _____. A. Must contain at least one function B. Need not contain any function C. Needs input data D. Needs Two Function	CO 3	K1

6	_____ is the output of this C code. void main() { int x=1; if(x==1) printf(“ its one \n”); else printf(“its not one”); }	CO 3	K1
A. its not one                                  B. its one C. run time error                               D. compile time error			

Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12 )	CO(s)	K – Level
7	A Identify the role of linux kernel in linux OS.	CO1	K1
	OR		
B	Reproduce the contents of etc/password file.	CO1	K1
8	A Summarize all the basic data types available in ‘C’.	CO2	K1
	OR		
B	Show any 5 string handling functions with example.	CO2	K2
9	A Determine function call, function definition and function prototype with example.	CO3	K2
	OR		
B	Illustrate a C program to find biggest of three nos.	CO3	K2

Qn. No.	Section – C Answer any two Questions (2 x 6=12 )	CO(s)	K – Level
10	Recall linux file system in detail.	CO1	K1
11	Express the different loops used in C program with examples.	CO2	K2
12	Articulate in detail about different categories of function with example.	CO3	K2

~ All the best ~



G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – I

Programme : BSc IT

Class : II year

Course Title : Database Management System

Course Code: 20UITC31

Course Outcomes (COs):

CO1	Understand the basic Database concepts and its Architecture.
CO2	Experiment with various SQL Queries.
CO3	Make use of Database Models.
CO4	Identify various Storage Management and Indexing.
CO5	Utilize various Transaction Management, Concurrency Control and Recovery System.

Semester : III

Date : 13.10.22

Time : 01.30-03.00pm

Max. Marks: 30

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	A database management system is a_____. a) hardware system used to create; maintain and provide controlled access to a database b) hardware system used to create; maintain; and provide uncontrolled access to a database. c) software system used to create; maintain; and provide uncontrolled access to a database. d) software system used to create; maintain; and provide controlled access to a database	CO1	K1
2	A table consist of_____. a) Rows and cells      b) Rows and columns c) Fields and columns      d) None of these	CO1	K1
4	If two relations R and S are joined, then the non matching tuples of both R and S are ignored in_____. a) left outer join      b) right outer join c) full outer join      d) inner join	CO2	K1
5	_____symbol denotes derived attributes in E-R model. a) Doubled ellipse      b) Dashed ellipse	CO3	K1

	c) Ellipse with attribute name underlined      c) Squared ellipse		
6	Properties that describe the characteristics of entities are called_____. a) Entities      b) Attributes c) Identifiers      d) Relationships	CO3	K1

Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A List four significant differences between a file-processing system and DBMS.	CO1	K1
	OR		
8	B State the diagrams of Application Architecture.	CO1	K1
	OR		
8	A Develop the queries for five built in aggregate functions.	CO2	K3
	OR		
9	B Write a query to add a column in a table and to insert values in it.	CO2	K3
	OR		
9	A Give example for a foreign key? Relate it with primary key .	CO3	K2
	OR		
9	B Discuss an entity relationship model with one example.	CO3	K2
	OR		

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	Describe the short note on history of database system	CO1	K1
11	Write a query using the following operators AND, OR, Null, Not Null and Like operators.	CO2	K3
12	Explain in detail about the Mapping Cardinalities.	CO3	K2

~ All the best ~



G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – I

Programme : BSc IT

Class : II year

Course Title : Data Structures and Computer Algorithms

Course Code: 20UITC32

Course Outcomes (COs):

Semester: III

Date : 14.10.22

Time : 1.30-3.00pm

Max. Marks: 30

CO1	Understand basic data structures such as arrays and linked list.
CO2	Explain the concept of stacks and queues.
CO3	Build trees based on our Application.
CO4	Understand the various algorithm design techniques and strategies.
CO5	Apply the right strategy for solving a problem.

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	_____ is the logical or mathematical model of a particular organization of data. A. Structure                      B. Variable C. Function                        D. Data Structure	CO 1	K1
2	An Array is _____. A. A Data structure that shows a hierarchical behavior B. Container of objects of similar type C. Arrays are immutable once initialized D. Array is not a Data structure	CO 1	K1
3	_____ is not a primitive data structure. A. Boolean                        B. Integer C. Array                             D. Character	CO 1	K1
4	Another name of circular Queue is _____. A. Circular Buffer                B. Circle Buffer C. Ring Buffer                      D. Curve Buffer	CO 2	K1
5	_____ is a statement about stack data structure is not correct. A. Linked list are used to implement stacks B. Top of a stack always contains a new node C. Stack is the FIFO data structure D. Null link is resented in the last node at the bottom of the stack	CO 2	K1

6	Process of removing an element from the stack is known as _____. A. Crush                            B. Evaluate C. Pop                                D. Enqueue	CO 2	K1
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Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A Define Data structure and its need.	CO1	K1
	OR		
	B Enumerate the advantages and limitations of linked list.	CO1	K1
8	A Describe the storage structure of Array.	CO1	K1
	OR		
	B State the operations of Singly linked list in detail with suitable example.	CO1	K1
9	A Describe structure of stack using array.	CO2	K2
	OR		
	B Determine the operations on Queue.	CO2	K2

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	Record the operations of Array in detail with suitable example.	CO1	K1
11	Describe the operations of circularly linked list in detail with suitable example.	CO1	K1
12	Illustrate the routine for push and Pop operations on Stack.	CO2	K2

~ All the best ~





G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – I

Programme : BSc IT

Semester : V

Class : III year

Date : 12.10.22

Course Title : Data Communication and Computer Networks

Time : 09-10.30am

Course Code: 20UITC51

Max. Marks: 30

Course Outcomes (COs):

CO1	Understand the basics of data communication, networking, internet and Their importance.
CO2	Analyze the services and features of various protocol layers in data networks.
CO3	Differentiate wired and wireless computer networks.
CO4	Analyze TCP/IP and their protocols.
CO5	Recognize the different internet devices and their functions.

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	A computer network permits sharing of _____ A. Resources & Information      B. Signals C. Wires      D. LAN & MAN	CO 1	K1
2	Which protocol layer uses the protocols are WWW,HTTP,FTP,SMTP,E-Mail etc. A. Hardware Layer      B. Internet layer Protocol C. Transport Layer Protocol      D. Application Layer Protocol	CO 1	K1
3	The Internetworking protocol is known as _____ A. TCP/IP      B. SMTP C. PPP      D. NNTP	CO 1	K1
4	A 100Base-T Ethernet LAN has a data rate of _____Mbps. A. 1      B. 100 C. 10      D. 1000	CO 2	K1
5	Which of the following is not a connecting device? A. Transceiver      B. Bridge C. Gateway      D. Hub	CO 2	K1

6	_____ Technologies, the carrier is a signal radiated from an antenna or dish. A. Wired      B. Ethernet C. Wireless      D. Magnetic	CO 2	K1
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Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A List various types of Networks.	CO1	K1
	OR		
8	B Write two advantages and two disadvantages of STAR topology.	CO1	K1
	OR		
9	A Distinguish between a repeater and a bridge.	CO2	K2
	OR		
10	B Describe transmission methods for WAN.	CO2	K2
	OR		
11	A Define Network standards and types of standards.	CO1	K1
	OR		
12	B Describe the concept of MODEM	CO1	K1
	OR		

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	Describe in detail the OSI reference model with neat diagram.	CO1	K1
11	Discuss LAN transmission equipment.	CO2	K2
12	Describe in detail the TCP/IP reference model with neat diagram	CO1	K1

~ All the best ~



G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – I

Programme : BSc IT

Semester : V

Class : III year

Date : 12.10.22

Course Title : Python Programming

Time : 11-12.30pm

Course Code: 20UITC52

Max. Marks: 30

Course Outcomes (COs):

CO1	Understanding the basic concepts of computer and Python Programming.
CO2	Explain the basic principles of python programming language.
CO3	Express different Decision Making and Looping Statements.
CO4	Develop python programs using strings, list and files.
CO5	Apply Object Oriented Programming concepts.

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	_____ is one of the most important parts of a computer. A. Input    B. Output C. CPU    D. Memory	CO 1	K1
2	_____ is used to translate a program written in a high-level language into its equivalent machine code. A. Loader    B. Compiler C. Linker    D. Assembler	CO 1	K1
3	_____ is the output of the expression <code>print(-18 // 4)</code> . A. -4    B. 4 C. -5    D. 5	CO 2	K1
4	A variable defined inside a function is called _____ variable. A. global    B. return C. local    D. main	CO 2	K1
5	The following _____ is a valid Python if statement A. if a>=2 :    B. if (a >= 2) C. if (a =>2 2)    D. if a >= 2	CO 3	K1

6	Python supports _____ type of control structures. A. 1    B. 5 C. 3    D. 2	CO 3	K1
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Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12 )	CO(s)	K – Level
7	A Recall the classification of programming language.	CO1	K1
	OR		
B	Reproduce how you will execute python programs.	CO1	K1
8	A State Python character set with example.	CO2	K1
	OR		
B	Tell about multiple assignments with example.	CO2	K1
9	A Interpret Boolean operator with example program.	CO3	K2
	OR		
B	Classify if-else statement and Nested if-statement with example.	CO3	K2

Qn. No.	Section – C Answer any two Questions (2 x 6=12 )	CO(s)	K – Level
10	Explain the steps to install python in UBUNTU.	CO1	K1
11	List out different operators in python with example.	CO2	K2
12	Articulate Decision making statement in brief.	CO3	K2

~ All the best ~



G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – I

Programme : B.Sc(IT)

Class : III year

Course Title : Software Engineering

Course Code: 20UITC53

Course Outcomes (COs):

Semester : V

Date : 13.10.22

Time : 01.30 – 03.00 pm

Max. Marks: 30

CO1	Define software Engineering.
CO2	Explain various software development models and processes
CO3	Create UML diagrams for a given software requirement specification.
CO4	Report a Design Documents and Explain review techniques.
CO5	Apply software Testing methods.

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	_____ is Software Engineering. A. Planning a software B. Testing a software C. Using engineering principles to the design a software D. Modeling a software	CO1	K1
2	The features of Software Code are _____. A. Simplicity                      B. Accessibility C. Compatibility                  D. Compatibility	CO1	K1
3	_____ begins after successful testing of the developed system. A. System Design                  B. Requirement Analysis C. Deployment                      D. Validate	CO2	K1
4	Agile Software Development is based on _____. A. Incremental Development      B. Linear Development C. Iterative Development            D. Both B & C	CO2	K1
5	There are _____ types of phases in Scrum. A.2                                      B. 3 C. 4                                      D. 8	CO2	K1
6	Agile is an _____ of software development methodology. A. linear approaches                  B. incremental approach C. iterative approach                  D. simple approach	CO3	K1

Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A State the nature of the software.	CO1	K1
	OR		
	B Explain the software development myths.	CO1	K1
8	A Discuss the concept of agile process.	CO2	K1
	OR		
	B Explain the concept of specialized process model.	CO2	K1
9	A Describe about changing the nature of software.	CO3	K2
	OR		
	B State the cost of change in software engineering.	CO3	K2

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	State all software engineering best practices.	CO1	K1
11	Explain any two prescriptive process model in detail.	CO2	K2
12	Demonstrate the architecture of agile model.	CO3	K2

~ All the best

G.T.N. ARTS COLLEGE  
(Autonomous), Dindigul

EVEN Semester (2021 – 2022)

OBE Regulation – 2020

Continuous Internal Assessment Test – I

Programme : BSc IT

Semester:IV

Class : III year

Date: 14.10.2022

Course Title : **Data Mining**

Time: 9.30-10.30am

Course Code: **20UITC54**

Max. Marks: 30

Course Outcomes (COs):

CO1	Explain the architecture of data mining process.
CO2	Associate suitable data pre-processing methods and algorithms.
CO3	Examine different classification and clustering techniques.
CO4	Explain stream mining.
CO5	Determine the processing methods for Massive data sets.

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6 )	CO(s)	K – Level
1	Data mining is a powerful new technology to___ from large database A. Show results B. Retrieving data C. Generating reports D. Extraction of hidden predictive information	CO 1	K1
2	Capability of data mining is to build _____ models. A. imperative                      B. predictive C. interrogative                    D. retrospective	CO 1	K1
3	Smoothing noisy data is known as _____ A. Data integration              B. Data cleaning C. Data delivery                  D. Data boosting	CO 2	K2

4	Outliers may be detected by _____. A. grouping    B. clouding C. regression    D. clustering	CO 2	K2
5	Decision tree is used to _____. A. Classified data based on decision.    B. make binary tree C. It is a clustering method        D. Used in reinforcement learning	CO 3	K1
6	KNN means _____ A. K-Nearest None B. K-Neighbor Nearest C. K-None Nearest D. K-Nearest Neighbor	CO 3	K2
Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12 )	CO( s)	K – Level

7	A	List out the major issues in data mining.	CO1	K1
	O R			
	B	Define classification of Data Mining.	CO1	K1
8	A	Give a note on aggregation.	CO2	K2
	O R			
	B	Express FP growth Algorithm.	CO2	K2
9	A	Prepare a note on clustering.	CO3	K3
	O			

R							
	B	Interpret Prediction in data mining				CO3	K3
Qn. No.	Section – C Answer any two Questions (2 x 6=12)					CO(s)	K – Level
10	Recall the steps involved in the process of the Knowledge Discovery from Data.					CO1	K1
11	State and explain Apriori Algorithm with an example Consider the following data set to generate Association rules for the following table with minimum support count=2					CO2	K2
	<b>T-ID</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
	1	1	1	1	1	0	0
	2	1	1	0	1	0	0
	3	1	0	0	0	1	1
	4	1	0	0	1	1	0
	5	0	1	0	1	1	0
12	Explain in detail about classification and prediction.					CO3	K3



G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – I

Programme : BSc IT

Semester : V

Class : III year

Date : 15.10.22

Course Title : CRYPTOGRAPHY & NETWORK SECURITY

Time : 09-10.30am

Course Code: 20UIT51

Max. Marks: 30

Course Outcomes (COs):

CO1	Recognize the different types of security attack
CO2	Understand the Substitution and Transposition Techniques
CO3	Use the Symmetric key Algorithms
CO4	Apply the Asymmetric Key Algorithms
CO5	Illustrate the Electronic Mail Security and IP Security

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	Mechanism of providing security is called _____. A. Legality                      B. Cultural issues C. Functionality                D. Affordability	CO1	K1
2	From the following which one is not a security model? A. No security                      B. Host security C. Server security                D. Network security	CO1	K1
3	The language that we commonly used can be termed as _____. A. pure text                              B. simple text C. plain text                              D. normal text	CO2	K1
4	Caesar Cipher is an example of _____. A. Transposition Cipher              B. Transmission Cipher C. substitution as well as transposition cipher                  D. Substitution Cipher	CO2	K1
5	In _____, one bit of plain text is encrypted at a time. A. stream cipher                      B. block cipher C. playfair cipher                      D. book cipher	CO3	K1
6	_____ increases the redundancy of plain text. A. Confusion                              B. Diffusion C. Confusion and Diffusion            D. confusion or Diffusion	CO2	K1

Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A Name the types of attacks and their process.	CO1	K1
	OR		
B	Explain the life cycle of virus.	CO1	K1
8	A State the functions and role of plain text and cipher text.	CO2	K1
	OR		
B	Outline the simple columnar transposition technique.	CO2	K1
9	A Describe about Electronic Code Book (ECB) Mode.	CO3	K1
	OR		
B	List the variations of DES.	CO3	K1

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	State all the Principles of security in informative manner.	CO1	K1
11	Explain the process of transposition techniques.	CO2	K2
12	Demonstrate overview of Symmetric Key Cryptography.	CO3	K3

~ All the best ~



G.T.N. ARTS COLLEGE (Autonomous), Dindigul

ODD Semester (2022 – 2023)

OBE Regulation – 2020

Continuous Internal Assessment Test – I

Programme : BSc IT

Class : III year

Course Title : ETHICAL HACKING

Course Code: 20UITE52

Course Outcomes (COs):

CO1	Understand the basics of the ethical hacking
CO2	Perform the foot printing and scanning
CO3	Determine the malware and their attacks to detect and prevent them
CO4	Explain the techniques for system hacking
CO5	Discover the security attacks in different environments

Semester : V

Date : 15.10.22

Time : 09-10.30am

Max. Marks: 30

Qn. No.	Section – A Answer ALL the Questions (6 x 1 = 6)	CO(s)	K – Level
1	_____ is the technique used in business organizations and firms to protect IT assets. A. Fixing bugs                      B. Internal data-breach C. Unethical hacking              D. Ethical hacking	CO 1	K1
2	An attacker may use automatic brute forcing tool to compromise your _____. A. username                          B. password C. employee ID                      D. system / PC name	CO 1	K1
3	Hackers who help in finding bugs and vulnerabilities in a system & don't intend to crack a system are termed as ____. A. Black Hat hackers              B. Yellow Hat Hackers C. Grey Hat Hackers                D. White Hat Hackers	CO 1	K1
4	Which of them is not a scanning methodology? A. Check for live systems        B. Check for open ports C. Identifying of services        D. Identifying the malware in the system	CO 2	K1
5	ICMP scanning is used to scan _____. A. open systems                      B. live systems C. malfunctioned systems        D. broken systems	CO 2	K1

6	How many standard flags are used in TCP communication? A. 6    B. 5 C. 7    D. 4	CO 2	K1
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Qn. No.	Section – B Answer ALL the Questions (3 x 4 = 12)	CO(s)	K – Level
7	A Describe the Hacker.	CO1	K1
	OR		
8	B Describe the Cracker.	CO1	K1
	OR		
9	A Describe the differences between TCP and UDP scanning	CO2	K2
	OR		
10	B Describe TCP Flag Types	CO2	K2
	OR		
11	A List out hacking versus ethical hacking. What are the effects of hacking on business?	CO1	K1
	OR		
12	B Briefly describe Google Hacking.	CO2	K2
	OR		

Qn. No.	Section – C Answer any two Questions (2 x 6=12)	CO(s)	K – Level
10	Describe the Ethical Hacker process.	CO1	K1
11	Explain Information Gathering process.	CO2	K2
12	Enumerate different phases of hacking? Explain each in detail.	CO1	K1

~ All the best ~





**G.T.N. ARTS COLLEGE (Autonomous), Dindigul**  
Semester (2021- 2022)OBE Regulation – 2020  
Continuous Internal Assessment Test – I

Programme: NME Semester: I

Class: BBA, B.Com (CA)

Course Title: Fundamentals of Information Technology

Course Code: 20UITN11

Course Outcomes (COs):

Date: 14/10/2022

Time: 11.00am-12.30pm

Max. Marks: 15

No.	Course Outcome
CO1	Relate the basics of computer system, its architecture
CO2	Describe the Central Processing Unit and Memory.
CO3	Classify the various Input and Output Devices
CO4	Explain about Computer software and its type.
CO5	Make use of Internet and Build the Web documents.

Qn. No.	Section – A Answer All the Questions (5 x 2 = 10 )	CO(s)	K – Level
1	Define Computer.	CO1	K1
2	Recall accuracy.	CO1	K1
3	Tell about ALU.	CO1	K1
4	List the basic functions of computer.	CO2	K2
5	Explain the applications of computer.	CO2	K2

Qn. No.	Section – B Answer any one Questions (1 x 5 = 5 )	C O(s)	K – Level
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6	A	Describe the types of computer	CO 1	K2
	O R			
	B	Observe the function of CPU.	CO 2	K2