Programme : I IT	**Date : 19.08.2020**
Course Code : 17UBAN21	**Time : 10 am – 11 am**
Course Title : Entrepreneurial development	**Max Marks : 30**

<div align="center">

Section **A**   [6 x 1 = 6]

[Answer **All** the Questions]

</div>

1. The 3 E's of Product Selection

    a) Experience, Education, Enthusiasm   b) Education, Electricity, Environment

    c) Experience, Effort, Evidence   d) Experience, Enthusiasm, Environment

2. TIIC Stands for

    a) The Tamilnadu Industrial Investment Corporation Ltd.

    b) Tamilnadu Industries Introduction Corporation

    c) Tamilnadu Investment Introduction Course

    d) Tamil Industrial Incorporate Citizens

3. SIDCO Stands for

    a) Small Investment Determination Corporation

    b) Small Industries Determination Corporation

    c) Small Industries Development Corporation

    d) State Industries Development Corporation

4. DIC Stands for

    a) District Industries Center   b) Direct Investment Council

    c) Direct Industries Center   d) Development of Industrial Center

5. Which of the following is an uncontrollable factor in business?

    a) Plant layout   b) Plant Location

    c) Transport   d) Government Policies

6. A special kind of physical arrangement of machineries, a structure of the building, etc, are called

    a)   b)

    c)   d)

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Section **B**   [2 x 7 = 14]

[Answer **All** the Questions]

</div>

7. a) List out the Aims of DIC   **(or)**

  b) Discuss the factors determining the product selection.

8. a) What are the Causes for under capitalization.   **(or)**

  b) Enumerate the functions of SIDCO.

<div align="center">

Section **C**   [1 x 10 = 10]

[Answer **Any One** Question]

</div>

9. State the Phases of Feasibility Study.

10. Assume that you are willing to be an entrepreneur and cash in your hand is about 1Cr. Which industry you will enter. Write a brief project plan.

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EVEN SEMESTER [2019-20]

INTERNAL ASSESSMENT TEST – II

Class : **I CA (A,B,C)**   &BBA   Date**: 19.08.2020**

Course Code : **17UCAN21**   Time: **10am -11am**

Title of the Paper **: Introduction to HTML**   Max Marks: **30**

Section A

Answer ALL the Questions   **6X1=6**

1. Which tag is used to insert a grapics.

  a) <image>   b) <img>   c) <im> d) <i>

2. Height and Width of the graphics may be expressed in terms of _____?

  a) Pixels   b) Percentage   c) en units d) All

3. The alternate text for a graphics is specify using _____ attribute.

  a) alter b) alternate   c) alt   d) a

4. Which tag is used to create navigation bar?

  a) <nav> b) <nb>   c)   d) <navbar>

5. The attribute used to merge a cell into adjacent cell is _____ .

  a) rspn b) cspn c) rowspan   d) colspan

6. The attribute which is used to set the background for a table is called ____.

  a) color b) bgcolor   c) forecolor   d) backgroundcolor

Section B

Answer ALL the following questions   **2X7=14**

7. a) How to insert a graphics into webpage (Or)

  b) Write a short note on arranging elements on the page?

8. a) Explain hyper linking from graphics   (Or)

  b) Discuss how to create a graphical navigation bar.

Section C

Answer ANY one of the following   **1X10=10**

9. Discuss about Image size and Padding.

10.Explain the elements used to create a table with an example program.

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EVEN SEMESTER [2019-20]

INTERNAL ASSESSMENT TEST – II

Programme   : **I IT A&B**   Date : 11.08.20
Course Code   : **17UITC21**   Time : 10.00-11.00 am
Course Title   : **Programming in C**   Max Marks : **30**

Section A   [6 x 1 = 6]
[the Answer **ALL** questions]

1.   An array created using _____function at run time is referred as dynamic array
 a) malloc   b) calloc
 c)realloc   d) alloc
2. Every element of array should end with
 a) \n   b) \s
 c) \t   d) \0
3. _____ function determine length of string
 a) strlen( )   b) string len( )
 c) strl( )   d) length( )
4.   A variable declared inside a function is called _____.
     a)local   b) global
     c) static   d) string
5. _____ is a collection of different data type.
     a) array   b) structure
     c) pointer   d) function
6. A _____ union can be declared using the keyword _____
     a) struct   b) length
     c) union   d) int

Section B   [2 x 7 = 14]
[Answer **ALL** the questions]

7.a) Write a program to perform matrix multiplication. [OR]
  b)Define Structures.How can you declare and access Structure elements?

8.a) Explain String handling library functions with an example. [OR]
   b) Explain fread and fwrite functions with an example.

Section C   [1 x 10 = 10]
[Answer **ANY ONE** question]

9. Explain the categories of functions with an example.
10. Explain Pointers with examples.

Programme   : II B.Sc(IT) (A&B)   Date: 10.08.2020
Course Code   : 17UITC41   Time:10.00 TO 11.00
Course Title   :Relational Database Management Concepts   Max Marks: 30

Section A

[Answer ALL the Questions]   6X1=6

1. _____ is data about data.
    a)Kata data   b) Schema Data   c)Meta Data   d)Mate Data
2.Which of the following is not a transaction management SQL Command?
    a)SELECT   b)COMMIT   c)ROLLBACK   d)SAVE POINT
3.Who developed the BCNF?
    a)Boyd and Cromwell   b)Date and Codd   c)Date and White   d)Boyce and Codd
4.An entity set that does not have sufficient attributes to form a primary key is a _____
    a)Strong entity set   b)Weak entity set   c)simple entity set   d)Primary entity set
5.The _____operation selects tuples that satisfy given predicate.
    a)Select   b)project   c)union d)set-difference
6._____ attributes can be divided into subparts.
    a)Simple   b)composite   c)single-valued d)multivalued.

Section B

[Answer ALL the following]   2X7=14

7. Write short notes on: Normalization. [OR]
   Discuss in detail about Triggers in PL/SQL.
8.Explain ACID properties.   [OR]
  Describe about Discretionary Access Control.

Section C

[Answer ANY one of the following]   1X10=10

9.Discuss in detail,UNION,INTERSECT,and EXCEPT operations in SQL with examples.
10.Explain about Cursor Management in PL/SQL

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eEVEN   EVEN SEMESTER [2020]
INTERNAL ASSESSMENT TEST – II

Programme   : **II IT(A&B)**   Date : 12.08.2020
Course Code   : **17UITC42**   Time : 10.00-11.00 am
Course Title   : **OPERATING SYSTEM CONCEPTS**   Max Marks : **30**

Section A   [6 x 1 = 6]

[the Answer **ALL** questions]

1. The software that contains the core components of the operating system is called _____
    a) Program   b) Memory   c) Kernel   d) Instruction
2. _____ notify the processor event has occurred.
    a) Process   b) Message   c) Interrupt   d) Call
3. _____determines when and for how long a process executes on a processor
    a) Memory manager   b) I/O manager c) IPC manager d) Process scheduler
4. When a thread is accessing shared modifiable data, it is said to be in a_____
    a) Critical section   b) Memory   c) Deadlock   d) Process
5. Thread that creates and places data into a object
    a) Semaphore   b) Consumer thread   c**) P**roducer thread   d) General thread
6. Application that reads and processes data from a shared object _____
    a) Process   b) Producer   c) Consumer   d) Thread

Section B   [2 x 7 = 14]

[Answer **ALL** the questions]

7.a) Discuss about deadlock prevention. [OR]
  b) Describes round robin scheduling algorithms.
 8.a) List out memory management strategies and explain it. [OR]
   b) Explain fixed partition multiprogramming.

Section C   [1 x 10 = 10]

[Answer **ANY ONE** question]

 9. Explain Dijkstra's bankers algorithm for deadlock avoidance.
 10. Explain any two page replacement strategies.

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EVEN SEMESTER [2019-20]

INTERNAL ASSESSMENT TEST – II

Programme   : **III IT**   Date : 10.08.2020

Course Code   : **17UITC61**   Time : 10.00-11.00 am

Course Title   : **Android Programming**   Max Marks : **30**

Section A   [6 x 1 = 6]

[the Answer **ALL** questions]

2. A type of service provided by android that shows messages and alerts to user is
   a) Content providers   b) View Systems
   c)Activity Manager   d) Notifications Managers

2. One of the application components, that manages applications background services is called
   a) Activities   b) Services
   c) Broadcast Receivers   d) Content Providers

3. The tab that shows the hierarchy of project is

   a) build variants   b) Favourites
   c) structure   d) project

4.   The android component that controls the external elements of file is called

   a)intent   b) resource

   c) view   d) manifest

5.   In android,the functionality of one class can be used in other class by using option

   a) extends   b) extended

   c) extending   d) extend

6. The UI design hierarchy and individual design elements can be seen using

   a) properties   b) layout

   c) Component tree   d) terminal

7.a) Describe the setting and customizing the Notification Tray UI [OR]

 b)Discuss about the text to speech techniques.

8.a) Discuss about Map view and Map Activity   [OR]

   b) Explain Live folder and Live Wallpaper.

9. Explain the Android Menu System.

10. Explain the Emulator with location-based services.

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EVEN SEMESTER [2020]

INTERNAL ASSESSMENT TEST – II

Programme	: **III IT**	Date : 11.08.2020
Course Code	: **17UITC62**	Time : 10.00-11.00 am
Course Title	: **SOFTWARE TESTING**	Max Marks : **30**

<div align="center">

Section A   [6 x 1 = 6]

[the Answer **ALL** questions]

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3. _____to evaluate the time taken or response time of the system to perform its required functions in product.
   a) Stress testing   b) Functoinal testing
   c) Performance testing   d) Unit testing

4. _____involves testing a product's functionality and features.
   a) Whitebox testing   b) Functional testing
   c) Blockbox testing   d) Non functional testing

3. The _____ tests help in identifying the major bottlenecks in a product.
   a) Interoperatability   b) Reliability
   c) Efficiency   d) Scalability

4. A _____ testing is done to validate the final build before release.
   a) Functional regression testing   b) Final regression testing
   c) Irregular regression testing   d) Regular regression testing

5. Which one is functional performance testing tool.
   a) WinRunner   b) Load Runner
   c) SilkPerformer   d) QR Load

6. 11. ____ consists of identifying the possible risks that may hit a project.
   a) Risk Management   b) Risk Specification
   c) Risk Identification   d) Risk Evalution

<div align="center">

Section B   [2 x 7 = 14]

[Answer **ALL** the questions]

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7.a) List out difference between functional versus non functional testing. [OR]
  b) Describes stress testing.

8.a) Explain process for performance testing. [OR]
   b) Discuss about types of regression testing.

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Section C   [1 x 10 = 10]

[Answer **ANY ONE** question]

</div>

9. Explain detailed about functional system testing

10. How to do regression testing?

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EVEN SEMESTER [2019-20]

INTERNAL ASSESSMENT TEST – II

Programme	: **III IT**	Date :12.08.2020
Course Code	: **17UITE61**	Time : 2.30 to 3.30pm
Course Title	: **Introduction to UML**	Max Marks : **30**

Section A   [6 x 1 = 6]

[the Answer **ALL** questions]

5. An _____ is a user playing a role with respect to the system.
   a) System   b) User
   c) Actor   d) node
6.   PIN code that consists of _____ digits.
   a) three   b) four
   c) six   d) eight
7.   CRC stands for_____.
   a) Classes,Responsibilities,Collaborators b) Collaborators,Responsibilities,Classes
   c) Classes,Response,Collaborators   d) Collaborators,Response,Classes
4. The class name should be_____.

   a) Singular   b) plural
   c) Upper Case   d) Lower Case
5. A part-of-relationship also called _____.

   a) Association   b) Aggregation

   c) Generalization   d) Specialization

6. _____ and _____ are the workhorses of object-oriented systems.

   a) Methods,Multiplicity   b) Multiplicity,Messages

   c) Methods,Messages   d) Multiplicity,Multiplex

Section B   [2 x 7 = 14]

[Answer **ALL** the questions]

7.a)Explain Object-Oriented Analysis process of Unified Approach?   [OR]

  b) List out the Guidelines for developing effective documentation?

8.a)What is the common class pattern strategy? [OR]

  b) Explain Associations in detail?

Section C   [1 x 10 = 10]

[Answer **ANY ONE** question]

9. Describe the noun phrase approach in detail?

10.Discuss relationship analysis for the VIANET Bank ATM System in detail?

Programme   : III B.Sc(IT) (A&B)   Date: 12.8.2020

Course Code   : 17UVED61   Time:10 to 11pm

Course Title   :Value Education   Max Marks: 30

Section A

[Answer Any THREE Questions]   3X5=15

1.What is courage? Write the importance of courage.

2.Explain the importance of human rights.

3.How to control corruption?

4.How to eradicate violence against women?

5. What is karma? Give an example.

Section B

[Answer Any ONE Question]   1X10=10

6. Write down the importance of values and the individuals.

7.Explain the role of education in developement of values.

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EVEN SEMESTER [2019-2020]
INTERNAL ASSESSMENT TEST – I

Programme   : I BBA, BBA Aviation, B.Com CA   Date: **19/02/2020**
Course Code   : 17UCAN21   Time: **9-10AM**
Course Title   :**INTRODUCTION TO HTML**   Max Marks: **30**

Section A
[Answer ALL the Questions]   6X1=6

1. TITLE tag must be within _____
   a). Title   b). Form   c). Header   d). Body
2. UL Tag is used to _____?
   a) Underline the text   b).Display the numbered list   c). Display the bulleted list   d). Bold the text
3. Which tag is used to display the large font size?
   a) LARGE   b). SIZE   c). FONT   d). BIG
4. Search engines are able to search _____type of information.
   a) Documents   b). Videos   c). Images   d). All of these
5. _____ allows you to connect and login to a remote computer
   a) Telnet   b) FTP   c)HTTP   d) SMTP
6. Telnet is used for_____
   a) Television on net b) Network of telephones   c) Remote login d) Teleshopping site

Section B
[Answer ALL the following]   2X7=14

7. a) Discuss about web browser details and web writing styles?
                   (OR)
    b) Discuss in detail about computer viruses?
8. a) Explain about creating list?
                   (OR)
    b) Discuss in detail about style sheet?

Section C
[Answer ANY one of the following]   1X10=10

9. (i) Write about directories?
   (ii) Write about search engine?
10. (i) Discus about hyperlink?
    (ii)Write about creating graphics?

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EVEN SEMESTER [2019-2020]
INTERNAL ASSESSMENT TEST – I

Class   : **I IT (A&B)**   Date : 17.02.2020
Paper Code   :**17UITC21**   Time : 9-10am
Title of the Paper   : **PROGRAMMING IN C**   Max Marks : **30**

Section A   [6 x 1 = 6]
[the Answer **ALL** questions]
1.   Every C program must have one _____ function section.
   a) pointer   b)string
   c)integer   d)main( )
2.   _____ type has no values.
   a)main   b)if then   c)for   d)void
3. The file name stdio.h is an abbrevation for _____ header file.
   a)standard input output   b)output   c)input   d)execute
4. Reading a single character can be done by using the function _____.
   a)putchar   b)getchar
   c)char   d)string
5. C has a built in multiway decision statement known as a _____.
   a)for   b)continue   c)break   d)switch

6. The subscripts of an array should be _____ data type
   a)char   b)integer   c)long int   d)string

Section B   [2 x 7 = 14]
[Answer **ALL** the questions]
7.a)Explain about the structure of C?   [OR]
   b) Explain What is Keywords and Identifiers and its Rules?
8.a)Explain Else If Ladder with syntax ? [OR]
   b) How to declare and initialize one dimensional array?
Section C   [1 x 10 = 10]
[Answer **ANY ONE** question]
9. Explain Arithmetic, Relational and Logical Operators with example?
10.Explain in detail about Decision making and Looping?

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EVEN SEMESTER [2019-2020]
INTERNAL ASSESSMENT TEST – I

Class : **II IT (A&B)**	Date : 18.02.2020
Paper Code : **17UITC41**	Time : 12-1pm
Title of the Paper : Relational Database Management Concepts	Max Marks : **30**

Section A   [6 x 1 = 6]
[Answer **ALL** the questions]

1. A_____ is a collection of a data, typically describing the activities of one or more related organizations.
     a)DBMS   b) Database   c)Relation   d)Relationship Set

2.The collection of information stored in the database at a particular moment is called an _____
     a)record b)instance   c)schema   d)abstraction

3.In the Relational modes, cardinality is termed as _____
     a) number of tuples   b) number of attributes
     c) number of tables   d)number of constraints

4._____ can express the overall logical structure of a database graphically.
a)Relational model   b)E-R Diagram   c)Data model   d)Architecture model

5. An entity set that has a primary key is termed a _____ entity set.
     a)Strong b)open   c)closed d)Weak.

6.The notation used for identifying relationship in weak entity set is _____
     a) double diamond   b)ellipse c)diamond   d)rectangle

Section B   [2 x 7 = 14]
[Answer **ALL** the questions]

7.a) Explain the difference between logical and physical independence.[OR]
b)Define the following terms:
     a)Relationship   b)Relationship set
     c)Entity set   d)Weak Entity

8.a) What are the SQL, Constructs to modify the structure of tables and destroy tables and views.   [OR]
b)What is foreign key constraints? Why are such constraints important? What is referential integrity?

Section C   [1 x 10 = 10]
[Answer **ANY ONE** question]

9.Explain the three levels of abstraction in a DBMS.
10. What is ER model? Explain the features of ER model.

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EVEN SEMESTER [2019-20]
INTERNAL ASSESSMENT TEST – I

Class : **II IT (A&B)**	Date : 19.02.2020
Paper Code : **17UITC42**	Time :12-1pm
Title of the Paper : **Operating System Concepts**	Max Marks : **30**

Section A   [6 x 1 = 6]
[Answer **ALL** the questions]

1. A _____ operating system is a single operating system that manages resources on more than one computer system.
    a) Network   b) Microkernel
    c)Distributed   d) Multipurpose

2. The _____ operating system is the earliest and most common operating system architecture.
    a) Monolithic   b) distributed
    c) network   d) desktop

3. When a thread is accessing shared modifiable data, it is said to be in a _____.
    a) Interrupt   b) Mutual Exclusion
    c) Critical Section   d) Multithread

4.The operating system creates a process control block also called a_____.
    a)Process organizer   b) Process descriptor
    c) Process id   d) Process creator

5. _____ notify the processor that an event as occurred
    a) thread   b) process state
    c) process   d) Interrupt

6. _____ indicate that an error has occurred,either in hardware or software.
    a) Exceptions   b) program
    c) software   d) os

Section B   [2 x 7 = 14]
[Answer **ALL** the questions]

7. a) Explain process s states and states transistion?   [Or]
    b) Write short notes on Interrupts?

8. a) Discuss about Mutual Exclusion ?   [Or]
    b) Explain Semaphores ?

Section C   [1 x 10 = 10]
[Answer **ANY ONE** question]

9. Explain Operating system architectures?
10. Discuss Hardware solution to the Mutual Exclusion problem?

Section A
[Answer ALL the Questions]   **6X1=6**

1. How to kill an activity in Android?
   a). finish() b).finishActivity(intrequest code)c). a & b d). kill()
2. What is the life cycle of services in android?
   a) OnCreate()->onStartcommand() b). onRecieve() c). find() d). service life cycle is same as activity life cycle
3. Which features are considered while creating android application?
   a) Screen size b). Input Configuration c). Platform version d). device features e) All the above
4. Search engines are able to search _____type of information.
   a)Documents b). videos c). Images d). All of these
5. Which program is used for android application.
   a) NodeJS b). PHP c). Java d). JSX
6. In which directory XML layout files are stored.
   a) /assets b) /src c) /res/values d) /res/layout

Section B
[Answer ALL the following]   **2X7=14**

7. a) What is a fragment? Write the fragment skeleton code for creating new fragments?
   (OR)
   b) Discuss about fragment lifecycle and explain about event handlers?

8. a) Explain the types of Android applications?
   (OR)
   b) Discuss in detail about android application life cycle?

Section C
[Answer ANY one of the following]   **1X10=10**

9. Explain in detail about layout classes and creating independent UI?
10. Explain about the application manifest file.

Section A   [6 x 1 = 6]
[the Answer **ALL** questions]

3. _____, to build the product right, certain activities are imposed at the beginning of the life cycle.
   a) Active   b) Proactive
   c) Preactive   d) Reactive

4. _____ is a type of testing which requires only the source code of the product, not the binaries or executables.
   a) Dynamic   b) Stress
   c) Stattic   d) Domain

5. Code coverage testing involves designing and executing test cases and finding out the percentage of code that is covered by testing that technique is called _____.
   a) Instrumentation   b) Production
   c) Monitor   d) Creation

4. RTM abbreviation is_____.
   a) Requirement Traceability Matrix   b) Requirement Traceability Match
   c) Requirement Trade Matrix   d) Resource Traceability Matrix

5. The set of input values that generate one singleexpected output is called a
   a) Partition Class   b) Equivalance
   c) Equi Class   d) Partition

6. _____bash is an ad hoc testing where people performing different roles in an organization test the product together at the same time.
   a) Defect   b) Static
   c) Debase   d) Dynamic

Section B   [2 x 7 = 14]
[Answer **ALL** the questions]

7.a) Discuss about phases of software project?   [OR]
   b) Explain about static testing by human?
8.a) Describes requirements based testing ?   [OR]
   b) Illustrate about the defect bash?

Section C   [1 x 10 = 10]
[Answer **ANY ONE** question]

9. Explain detailed about structural testing?
10. Explain integration testing as a type of testing?

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EVEN SEMESTER [2019-2020]
INTERNAL ASSESSMENT TEST – I

Class   : **III IT**   Date: 18.02.2020
Paper Code   : **17UITE61**   Time: 12-1 PM
Title of the Paper   : **INTRODUCTION TO UML**   Max Marks: **30**

Section A   [6 x 1 = 6]
[Answer **ALL** the questions]
1. OML stands for _____
   a) Object Modeling Technique   b) Object Modeling Technology
   c) Object Modern Terminlogy   d) Object Modern Technique
2. Object oriented Bussiness engineering is object modeling at the _____level
   a) Enterprise   b) Analysis
   c) design   d) implementation
3. User interface layer is also called as _____.
   a) Bussiness   b) Access
   c) View   d) Design
4.A _____ is an associative attribute.
   a) qualifier   b)Multiplicity
   c) OR   d)N-Ary
5.An_____Diagram is a variation or special case of a state machine.
   a) component   b) activity
   c) Deployment   d)Implementation
6. _____is a graphical symbol containing textual information.
   a) Meta   c) Stereotype
   b) Dependency   d) Note

Section B   [2 x 7 = 14]
[Answer **ALL** the questions]
8. a) Explain Booch Methodology ?   [Or]
   b) Write short notes on Jacobson et al Methodology?
8. a) Discuss Use case Diagram?   [Or]
   b) Explain UML interactive diagram ?
Section C   [1 x 10 = 10]
[Answer **ANY ONE** question]
9. Explain Unified Approach?
10. Discuss UML CLASS diagram?