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G.T.N.ARTS COLLEGE (Autonomous)
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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – I

Class : IBCA (A&B) Date: 08 .02.19
Paper Code : 17UCAS21 Time: 10.30-11.30 am
Title of the Paper : Computer Architecture & Logic Design Max Marks: 30

Section A

Answer ALL the Questions

6X1=6

1. Number system has _____ type of complements.
A. 3 B. 2 C. 5 D. 7
2. Binary Subtraction of 0-1 =
A. 0 B. 1 C. 11 D. 10
3. 15 convert to binary
A. 1011 B. 1100 C. 1101 D. 1111
4. The basic circuit for storing information in a digital machine is called _____
A. logic design B. Toggle C. Flip -flop D. Register
5. Explain BCD
A. Bit Loaded Decimal B. Binaries Coded Decimal
C. Binary Coded Decimal D. Byte Coded Decimal
6. A very important fact about digital computer is that they are _____
A. Flip –flop B. Clock C. logic design D. logic gates

Section B

Answer ALL the following questions

2X7=14

7. a) Write the four conditions for addition and subtraction in 1's complement system .
(Or)
b) Give a short note on binary multiplication and division?
8. a) Explain the master slave flip-flop with diagram?
(Or)
b) Brief account on binary counter.

Section C

Answer ANY one of the following

1X10=10

9. Convert the following representations
i) $(345)_8$ a) Octal to Binary b) Octal to Decimal c) Octal to Hexadecimal
ii) $(A2DE)_{16}$ a) Hexadecimal to binary b) Hexadecimal to Decimal c) Hexadecimal to Octal
10. Explain in detail on BCD Counter?



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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – I

Class : **IBCA A&B.** Date : 8.02.19
 Paper Code : **17UCAC21** Time : 9-10 AM
 Title of the Paper : **OPP WITH C++** Max Marks : **30**

Section A

[6 x 1 = 6]

[Answer **ALL** the questions]

- _____ is the process by which one object can acquire the properties of another object.
 a) class b) object c) inheritance d) polymorphism
- _____ is the mechanism that binds together code and the data it manipulates and keeps both safe from outside interference and misuse.
 a) inheritance b) polymorphism c) class d) encapsulation
- The classes derived from the base are usually referred to as _____ classes.
 a) derived b) base c) parent d) child
- When accessing member of a class given a pointer to an object use the _____ operator instead of the dot operator.
 a) :: b) → c) . * d) →*
- In the following which one is pointer- to- member operator _____.
 a) :: b) .* c) → d) →*
- A(n) _____ is essentially an implicit pointer.
 a) reference b) pointer c) argument d) operator

Section B

[2 x 7 = 14]

[Answer **ALL** the questions]

- a) Explain the basic structure of c++ program [**OR**]
 b) Discuss about static member function in detail
- a) Write in detail about Parameterized constructor [**OR**]
 b) Discuss about copy constructor

Section C

[1 x 10 = 10]

[Answer **ANY ONE** question]

- Write a c++ program for function overloading
- Write a c++ program for swapping two numbers using friend function.

Reg. No:

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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – I

Class : **IBCA A&B.** Date : 8.02.19
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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – I

Class : **II BCA** Date : **6.2.19**
Paper Code : **17UCAC41** Time : **12 – 1**
Title of the Paper : **JAVA PROGRAMMING** Max Marks : **30**

Section A

[6 x 1 = 6]

[Answer **ALL** the questions]

1. The mechanism of providing protection to data and method of a program is
a)encapsulation b)polymorphism c)inheritance d)abstraction
2. Mod operator works for _____ values.
a)int b)float c)both d)none
3. The statement that helps to select one out of two possibilities based on a condition is
a) if else b) switch c) nested if d) break
4. A conventional matrix can be represented in a _____ array.
a) one dimensional b) multi dimensional
c) two dimensional d) multilevel
5. An object is an instance of a
a) function b) class c) sub function d) method
6. _____ Variable can be used in an interface
a) final b) instance c) extend d) global

Section B

[2 x 7 = 14]

[Answer **ALL** the questions]

7. a) Write a short notes on data types in Java [**OR**]
b) Explain switch statement in detail
8. a) Explain classes and objects in java [**OR**]
b) Explain interface in java

Section C

[1 x 10 = 10]

[Answer **ANY ONE** question]

9. Explain for loop in java.
10. Explain packages in detail.

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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – I

Class : **II BCA** Date : **6.2.19**
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Title of the Paper : **JAVA PROGRAMMING** Max Marks : **30**

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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – I

Class : **II BCA** Date : **07.02.19**
Course Code : **17UCAC42** Time : **10.30-11.30**
Course Title : **RDBMS** Max Marks : **30**

Section A

[6 x 1 = 6]

[Answer **ALL** the questions]

- _____ describes all relations that are stored in the database.
a) External Schema b) Conceptual Schema c) Internal Schema d) Physical Schema
- Every transaction begins by obtaining a _____ on data object that it needs to read action.
a) Timing Lock b) Exclusive Lock c) Shared Lock d) System Lock
- _____ determine whether two subclasses are allowed to contain the same entity.
a) Overlap Constraints b) Key Constraints c) Participation Constraints d) Domain Constraint
- An entity set that is existence-dependent on some other entity is called a _____.
a) dominant Entity b) Strong Entity c) Parent Entity d) Weak Entity
- What is the RDBMS terminology for a table?
a) Tuple b) Relation c) Attribute d) Domain
- An instance of a relation is a set of _____.
a) attribute b) domain c) tuple d) fields

Section B

[2 x 7 = 14]

[Answer **ALL** the questions]

- 7.a) Write the difference between file system and DBMS. (OR)
b) Discuss about different levels of abstraction in a DBMS.
8. a) Write Short Notes on : ER Model. (OR)
b) Discuss about Enforcing Integrity Constraints in the Relational Model with examples.

Section C

[1 x 10 = 10]

[Answer **ANY ONE** question]

9. Describe in detail Advantages of a DBMS.
10. Explain the concept of Views.

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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – I

Class : **II BCA** Date : **07.02.19**
Course Code : **17UCAC42** Time : **10.30-11.30**
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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – I

Class : II BCA (A & B) **Date:** 8.2.19
Course Code : 17UCAC43 **Time:** 12-1
Course Title : Data Communication And Computer Networks **Max Marks:** 30

Section A

[6 x 1 = 6]

[Answer **ALL** the questions]

- Which layer is responsible for data translating?
a) Application b) Network c) Presentation d) Data link
- The _____ layer is the closest to the transmission medium.
a) Physical b) Data link c) Network d) Transport
- The communication mode that supports two way traffic only one direction at a time is _____.
a) Simplex. b) Half duplex. c) Duplex. d) Multiplex.
- FDDI is a _____.
a) Ring Network b) Star Network c) Mesh Network d) Bus Network
- In token ring, the token can be removed by _____.
a) The nearest downstream neighbor b) The receiving station
c) The ring monitor d) The nearest upstream neighbor
- A device that links two homogenous packets broadcast local network is _____.
a) Hub b) Bridge c) Repeaters d) Gateway

Section B

[2 x 7 = 14]

[Answer **ALL** the questions]

- a) Discuss LAN and its possible topologies **[OR]**
b) Explain in detail about any two transmission media.
- a) Discuss the Radio transmission and Microwave transmission. **[OR]**
b) Explain : i)Ethernet ii)Token bus iii)Token Ring

Section C

[1 x 10 = 10]

[Answer **ANY ONE** question]

- Explain OSI reference model in detail.
- Explain in Details about HDLC

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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – I

Class : II BCA (A & B) **Date:** 8.2.19
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Course Title : Data Communication And Computer Networks **Max Marks:** 30

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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – I

Class : **II BCA** Date : **09.02.19**
Course Code : **17UCAS41** Time : **10.30-11.30**
Course Title : **SOFTWARE PROJECT MANAGEMENT** Max Marks : **30**

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

- In defining the objectives , in the mnemonic 'SMART', ' A ' refers to
a) Affordable b) Achievable c)Adjustable d) Aim
- Group of methods or techniques are grouped into _____
a) Plan b) tools c) methodologies d) Technology
- The costs of Recruitment and Staff training comes under _____.
a)Development cost b) Setup cost c) Operational cost d)Maintenance cost
- The Limited scope for iteration is the strength of which of this process model?
a) Water fall model b) Spiral model c) Vmodel d) Prototyping model.
- According to COCOMO model effort=_____
a) C/(size)k b)C+(size)k c)C(Size)k d)C-(Size)k
- Case Base reasoning is also called as _____.
a)Expert judgement b)Estimating by Analog
c)Point analysis d)Reasoning study.

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

- a) What are the activities covered by software project Management [**OR**]
b) Explain the Concept of Project Portfolio Management.
- a)Write down the characteristics and principles of Agile method [**OR**]
b) What do you understand about SCRUM model.

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

- Discuss the techniques of Cost Benefit Evaluation in detail.
- Explain the techniques for estimating Effort.



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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – I

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EVEN SEMESTER [FEB, 2019]
INTERNAL ASSESSMENT TEST – I

Class : **III BCA A & B** Date : 7.2.2019
Paper Code : **SCA8C62** Time : **.10.30-11.30**
Title of the Paper : **SOFTWARE ENGINEERING** Max Marks : **30**

Section A [6 x 1 = 6]

[Answer **ALL** the questions]

1. A project of medium size requires ____ programmers
a) 2-5 b) 2-3
c) 2-4 d) 3-4
2. _____ system often involve compiler, assemblers and process control applications
a) Small b) Medium
c) Very Large d) Extremely Large
3. _____ method is top down estimation tool.
a) Expert Judgment b) Group consensus
c) Work breakdown structures d) LOC
4. The _____ team structure provide opportunity for each team member to contribute to decisions
a) Democratic b) Chief programmer
c) Hierarchical d) All the above
5. The development time for a utility program as given by Bohem is
 $TDEV=2.5*(PM)**$ _____
a) 0.38 b) 0.35
c) 0.32 d) 0.33
6. COCOMO model expands to_____.
a) Constructive Cost Model b) Cost computer Model
c) Cost Constructive Model d) Computer Cost Model

Section B [2 x 7 = 14]

[Answer **ALL** the questions]

7. a) Explain the Project size categories in Software Engineering [**OR**]
b) Explain the phased life cycle model
8. a) Explain the Staffing Level Estimation [**OR**]
b) Explain the Software Cost Factors in detail

Section C [1 x 10 = 10]

[Answer **ANY ONE** question]

9. Explain Quality and Productivity Factors of a Software Product
10. Explain about any TWO cost estimation Techniques



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EVEN SEMESTER [FEB, 2019]
INTERNAL ASSESSMENT TEST – I

Class : **III BCA A & B** Date : 7.2.2019
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Title of the Paper : **SOFTWARE ENGINEERING** Max Marks : **30**

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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – I

Class : **III BCA (A&B)** Date: **08 .02.19**
Paper Code : **SCAGA61** Time: **12-1 pm**
Title of the Paper : **Data Mining** Max Marks: **30**

Section A

Answer ALL the Questions

6X1=6

- _____ is used to measure the power of association between items that can be purchased together.
A. Lift B. Support C. Coincidence D. Antecedent
- _____ is a subject oriented, integrated, time variant collection of data in decision support system.
A. Data Mining B. Data Warehouse C. Web Mining D. Text Mining
- The 10% presence of X and Y is called _____ of the rule.
A. antecedent B. support C. confidence D. consequent
- Which among the following is the data mining software?
A. PHP B. Mantas C. Ajax D. Python
- Which schema has a central fact table and a set of surrounding dimension table?
A. Star B. Bus C. External D. Internal
- In which type of operating system architecture kernel is small and isolated?
A. Monolithic B. Layer C. Microkernel D. Network

Section B

Answer ALL the following questions

2X7=14

- a) Explain the data mining techniques?
(Or)
b) Write the algorithm for FP-trees with example?
- a) Compare the differences between ODS and data warehouse.
(Or)
b) Give a brief account on ODS and data warehouse architecture?

Section C

Answer ANY one of the following

1X10=10

- Discuss the Apriori algorithm with an example.
- Explain the guidelines for data warehouse implementation?



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ODD EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – I

Class : **III BCA (A&B)** Date: **08 .02.19**
Paper Code : **SCAGA61** Time: **12-1 pm**
Title of the Paper : **Data Mining** Max Marks: **30**

Section A

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- Discuss the Apriori algorithm with an example.
- Explain the guidelines for data warehouse implementation?

Reg. No:

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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – I

Class : **III BCA** Date : **06.02.19**
Course Code : **SCAGC61** Time : **12.00-1.00**
Course Title : **DOT NET PROGRAMMING** Max Marks : **30**

Section A

[6 x 1 = 6]

[Answer **ALL** the questions]

- is used for finding out about objects, properties and methods
a) Form layout window b) Code Editor Window
c) Object browser d) Tool Window
- In Visual Basic, a variable name cannot be more than ----- characters
a) 300 b) 355 c) 255 d) 400
- function is used to return a copy of a string without leading spaces.
a) Rtrim b) Trim c) remove d)Ltrim
- The default property for a text box control is -----
a) multiline b) Enable c) Text d)password char
- MDI stands for-----
a) Multiple Document Interface b)Multiple Design Interface
c)Menu Design Interface d)Manipulated Document Interface
- array size can be changed at run time.
a)fixed b)preserve c)Dynamic d)multidimensional

Section B

[2 x 7 = 14]

[Answer **ALL** the questions]

- a)Explain about solution Explorer properties window and Tool box. [**OR**]
b) Explain about Visual Basic statements with example.
- a)Discuss about indenting text in rich text boxes with examples. [**OR**]
b) Write a program for String operations.

Section C

[1 x 10 = 10]

[Answer **ANY ONE** question]

- Explain about exception handling in detailed.
- Discuss about Rich text box and Link label with example.

Reg. No:

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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – I

Class : **III BCA** Date : **06.02.19**
Course Code : **SCAGC61** Time : **12.00-1.00**
Course Title : **DOT NET PROGRAMMING** Max Marks : **30**

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[2 x 7 = 14]

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Section C

[1 x 10 = 10]

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Reg. No:

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G.T.N.ARTS COLLEGE (Autonomous)
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ODD SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – II

Class : **IM.Sc.(CS)** Date : **25-10-18**
Paper Code : **17PCSC12** Time : **9-11am**
Title of the Paper : **Digital Principles and Computer Organization** Max Marks : **50**

Section A

[9 x 1 = 9]

[Answer **ALL** the questions]

1. A computer program that converts an entire program into machine language at one time is called a/an _____.
a) Simulator
b) Interpreter
c) Commander
d) Compiler
2. A set of common instructions that can be used in a program many times called _____.
a) Instruction
b) Program
c) Task
d) Subroutines
3. Pseudo instructions are _____.
a) Machine instructions
b) memory reference instructions
c) assembler directives
d) input output instructions
4. Which of the following is typical characteristic of a RISC machine?
a) Instruction taking multiple cycles
b) Highly pipelined
c) Instruction interpreted by micro programs
d) register sets
5. The symbolic expression for read item from the top of stack is _____.
a) M[SP]<-DR
b) DR<-M[EA]
c) A<-M[SP]
d) DR<-M[SP]
6. PSW stands for _____.
a) Program Status Word
b) Process Status Word
c) Procedure Status Word
d) Pipeline Status Word
7. To complete 'n' tasks using a k-segment pipeline requires _____ clock cycles.
a) $k * (n - 1)$
b) $k + (n - 1)$
c) $k * (n + 1)$
d) $k + (n + 1)$
8. SIMD Stands for _____.
a) Single Instruction More Data
b) Several Instruction More Data
c) Single Instruction Multiple Data
d) Several Instruction Multiple Data
9. Reverse polish notation of $(A+B) * [C * (D + E)+F]$ is _____.
a) AB+DE+CF**+
b) AB+DE+C*F+*
c) AB+DE+C*F*+
d) AB+DE+CF+**

[P.T.O]

Reg. No:

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ODD SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – II

Class : **IM.Sc.(CS)** Date : **25-10-18**
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d) AB+DE+CF+**

[P.T.O]

Section B
[Answer **ANY THREE** questions]

[3 x 7 = 21]

10. Explain in detail about design of control unit.
OR
Discuss about first pass assembler.
11. Express your views about Subroutines
OR
List out addressing modes and explain it.
12. Explain the concept of pipelining.
OR
Describe the decimal arithmetic operations.

Section C
[Answer **ANY TWO** questions]

[2 x 10 = 20]

13. Write about program control in detail.
14. Briefly discuss about stack organization.
15. Explain about Arithmetic pipeline.

Section B
[Answer **ANY THREE** questions]

[3 x 7 = 21]

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Discuss about first pass assembler.
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[2 x 10 = 20]

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Reg.No

1	7	B	C				
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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – II

Class : **IBCA A&B.** Date :11.04.19
 Paper Code : **17UCAC21** Time : **9-10am**
 Title of the Paper : **OOPS WITH CPP** Max Marks : **30**

Section A

[6 x 1 = 6]

[Answer **ALL** the questions]

- A _____ member inherited in the private mode derivation, becomes private in the derived class.
 a)Public b) private c) class d) protected
- _____ Operator also called the class member access operator.
 a)Dot b) function call d) comma d) pointer
- In the following which one is unary operator while overloading _____.
 a) () b) [] c) → d) ,(comma)
- When a protected member is inherited in _____ mode, it become protected in the derived class.
 a)Protected b) auto c) public d) private
- The _____ operator is normally used to access and modify a specific elements in an array.
 a)<> b) { } c) [] d) ()
- A(n) _____ function is a member function that is declared within a base class and redefined by a derived class.
 a)Inline b) virtual c) friend d) recursion

Section B

[2 x 7 = 14]

[Answer **ALL** the questions]

- a) Explain about virtual function in c++ with an example [**OR**]
 b. Explain about Multilevel Inheritance with an example
- a) Explain about Function Overloading using friend function [**OR**]
 b) Discuss about Basic Stream Class

Section C

[1 x 10 = 10]

[Answer **ANY ONE** question]

- Explain with a c++ program for unary and binary operator overloading
- Explain about built in manipulators with example

Reg.No

1	7	B	C				
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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – II

Class : **IBCA A&B.** Date :11.04.19
 Paper Code : **17UCAC21** Time : **9-10am**
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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – II

Class : **IBCA (A&B)** Date: **11.04.19**
Paper Code : **17UCAS21** Time: **10.30-11.30 am**
Title of the Paper : **Computer Architecture & Logic Design** Max Marks: **30**

Section A

Answer ALL the Questions

6X1=6

- _____ are memories that use flip flop storage for the bits in the memory
a) RAM b) SRAM c) ROM d) SROM
- A basic module used in arithmetic element is the _____
a) Half adder b) full adder c) both a and b d) none
- All buses can be divided into _____ major sections
a) 4 b) 2 c) 5 d) 3
- The arithmetic logic unit and control unit are generally placed together and called the
a) interface b) central processing unit c) main memory d) display
- The control lines are called _____
a) interrupt line b) optical line c) electric line d) small line
- The number of the selected device is placed on address lines ____
a) A7 to A0 b) A0 to A7 c) A1 to A7 d) A0 to A6

Section B

Answer ALL the following questions

2X7=14

- a) Design and explain the full adder.
(Or)
b) Give a short note on ROM.
- a) Explain the types of multiplexers.
(Or)
b) Brief account on interfacing printer.

Section C

Answer ANY one of the following

1X10=10

- Describe the concept of SRAM and DRAM.
- Discuss in detail on interfacing buses.



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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – II

Class : **IBCA (A&B)** Date: **11 .04.19**
Paper Code : **17UCAS21** Time: **10.30-11.30 am**
Title of the Paper : **Computer Architecture & Logic Design** Max Marks: **30**

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Answer ALL the Questions

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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – II

Class : II BCA A & B Date : 11-4-19
Course Code : 17UCAC43 Time : 12- 1 pm
Course Title : Data Communication And Computer Networks. Max Marks : 30

Section A

[6 x 1 = 6]

[Answer **ALL** the questions]

- ATM stands for _____.
a) Automatic Teller Machine. b) Automatic Transfer Mode.
c) Asynchronous Transfer Mode. d) Asynchronous Transaction Mode.
- The _____ that connect the switch to a user devices.
a) NNI b) UNI c) DNI d) TNI
- Frames relay is an example of a _____.
a) T-switching b) Packet switching c) Circuit switching
d) Frame switching
- _____routing means there is no central control.
a) Centralized b) Distributed c) Static. d) Adaptive.
- _____routing provides the most current information regarding link costs.
a) Centralized b) Distributed c) Static d) Adaptive.
- Packets in the IP layers are called _____.
a) Data congestion b) Dataflow c) Datagram. d) Data ID.

Section B

[2 x 7 = 14]

[Answer **ALL** the questions]

- a) Explain in detail about the ISDN ATM Principal characteristics . [**OR**]
b) How to calculate runtime calculation of program? Explain.
- a) What is -User Datagram Protocol.. [**OR**]
b) Explain in detail about Routing Principles.

Section C

[1 x 10 = 10]

[Answer **ANY ONE** question]

- Illustrate the uses of ISDN.
- Explain about Dijkstra algorithm.

Reg. No:

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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – II

Class : II BCA A & B Date : 11-4-19
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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – II

Class : **II BCA (A&B)** Date: **10.04.19**
Course Code : **17UCAC42** Time: **10.30-11.30 am**
Title of the Paper : **RDBMS** Max Marks: **30**

Section A

Answer ALL the Questions

6X1=6

1. _____ indicate that the table computed as an answer should not contain duplicates.
a) distinct b) unique c)check d)Not Null
2. Which of the following is not a set comparison operator?
a) Some b)Any c)Union d)All
3. Triggering event should be defined to occur for each modified record is called _____
a)Recursive Trigger b) Statement Level Trigger c)Row level Trigger
d)Column Level Trigger
4. The _____ property enables us to recover any instance of the decomposed relation.
a)closure Dependency b) Normal Dependency
c)Loss Less Join Dependency d)Functional Dependency
5. Third Normal Form is based on the concept of _____
a)Closure Dependency b)Transitive Dependency
c)Normal Dependency d)Functional Dependency
6. If every non-key attribute is functionally dependent on the primary key, then the relation will be in ____
a)1 NF b)2 NF C)3NF D)4NF

Section B

Answer ALL the following questions

2X7=14

7. a) Explain about 'Group By' and 'Having' Clauses. (Or)
b) How null values are used in Database?
8. a) Describe the concept of Boyce Codd Normal Form. (Or)
b) Explain about Functional Dependency with example.

Section C

Answer ANY one of the following

1X10=10

9. Explain the roll of Triggers in Active Database with example. (OR)
10. Write in detail about Fourth Normal Form and Fifth Normal Form with Example.



Reg.No :

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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – II

Class : **II BCA (A&B)** Date: **10.04.19**
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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – II

Class : **II BCA (A&B)** Date: **12.04.19**
Course Code : **17UCAS41** Time: **10.30-11.30 am**
Title of the Paper : **Software Project Management** Max Marks: **30**

Section A

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

- 1) _____ is carried out to calculate the earliest dates on which each activity may be started and completed.
a) Forward pass b) Backward pass c) WBS d) Gantt chart
- 2) According to PERT, $t_e =$ _____
a) $(a+4m-b)/6$ b) $(a+4m*b)/6$ c) $(a+4m+b)/6$ d) $(a+4m-b)*6$
- 3) In slip chart, more the slip line bends, the variation from the plan is _____.
a) greater b) lesser c) equal d) zero
- 4) In the Traffic light method, the second level elements on the scale green indicates _____.
a) not on target b) not on target and recoverable c) on target d) not on target and recoverable with difficulty
- 5) Some one coming up with the right answer and the others recognizing it as being correct is an example of ____ group tasks
a) Additive b) Compensatory c) Disjunctive d) Conjunctive
- 6) In ____ team structure, any member is free to discuss with any other member
a) Democratic b) chief programmer c) mixed control d) hybrid

Section B

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

7. a) Explain the forward pass in calculating the earliest dates on each activity
(Or)
b) what are the two approaches in the identification of risks.
8. a) write about Cost Monitoring . (Or)
b) How can we select the right person for the job.

Section C

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

9. Discuss in detail about Critical Path Method.
10. Explain the concept of visualizing the progress of the project.



Reg.No :

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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST – II

Class : **II BCA (A&B)** Date: **12.04.19**
Course Code : **17UCAS41** Time: **10.30-11.30 am**
Title of the Paper : **Software Project Management** Max Marks: **30**

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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – II

Class : **III BCA (A&B)** Date: 09 .**04.19**
Paper Code : **SCAGC61** Time: **12-1 pm**
Title of the Paper : **Dot NET Programming** Max Marks: **30**

Section A

Answer ALL the Questions

6X1=6

- Which is not a property of the common control class?
A. Font B. Show C. Forecolor D. Backcolor
- The Cancel button property belongs to which object?
A. Form B. label C. button D. Text Box
- VB .net Supports -----
A. Structured Error handling B. Unstructured Error handling C.both
D. Errorhandling
- Control is used to represent the items in a hierarchical manner.
A. Tree view B. Grid view C. Progress bar D. Toolbar
- _____ combines the features of the text box and list box.
A. Picture box B.Option Button C. Combo box D. Check box
- Frame Control act as-----.
A. Method B. Event C. Class D. Container

Section B

Answer ALL the following questions

2X7=14

- a) Explain about the button with example.
(Or)
b) Write a note on Radio buttons with example.
- a) Explain in detail about Checked List Box with example.
(Or)
b) Explain in detail about the Combo box with example.

Section C

Answer ANY one of the following

1X10=10

- Discussed about Scroll bar, Track bar and tool tips with example.
- Explain about Image list, Tool bars, Status and progress bar with example.



Reg.No :

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ODD EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – II

Class : **III BCA (A&B)** Date: 09 .**04.19**
Paper Code : **SCAGC61** Time: **12-1 pm**
Title of the Paper : **Dot Net Programming** Max Marks: **30**

Section A

Answer ALL the Questions

6X1=6

- Which is not a property of the common control class?
A. Font B. Show C. Forecolor D. Backcolor
- The Cancel button property belongs to which object?
A. Form B. label C. button D. Text Box
- VB .net Supports -----
A. Structured Error handling B. Unstructured Error handling C.both
D. Errorhandling
- Control is used to represent the items in a hierarchical manner.
A. Tree view B. Grid view C. Progress bar D. Toolbar
- _____ combines the features of the text box and list box.
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EVEN SEMESTER [APRIL, 2019]
INTERNAL ASSESSMENT TEST – II

Class : **III BCA A & B** Date : 10.4.19
Paper Code : SCAGC62 Time : 10.30-11.30
Title of the Paper : **SOFTWARE ENGINEERING** Max Marks : **30**

Section A

[6 x 1 = 6]

[Answer **ALL** the questions]

- _____ of a data flow diagram specifies processing activities.
a) Nodes b) Arcs
c) Graph d) Tree
- _____ is a process of isolating and correcting the cause of known errors.
a) Testing b) Debugging
c) Coding d) SQA
- In _____ coupling, one module relies on the internal working of another module.
a) Content b) Control
c) Stamp d) External
- The software requirements specification is based on _____.
a) System definition b) Users manual
c) Project plan d) Design
- The _____ board reviews and approves all change requests.
a) Change control b) Review control
c) Control review d) Review change
- _____ is concerted with tracking and controlling of the work products that constitute a software product.
a) SQA b) Verification
c) Configuration Management d) Metrics

Section B

[2 x 7 = 14]

[Answer **ALL** the questions]

- a) Explain the concept of Coupling and Cohesion [**OR**]
b) Explain briefly about Fundamental design concepts.
- a) Write short notes on walkthroughs and Inspections [**OR**]
b) Explain about Managerial aspects of Software Maintenance

Section C

[1 x 10 = 10]

[Answer **ANY ONE** question]

- Explain any **THREE** Design techniques
- Describe about the System Testing.



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EVEN SEMESTER [2018-19]
INTERNAL ASSESSMENT TEST – II

Class : **III BCA (A&B)** Date: **11 .04.19**
Paper Code : **SCAGA61** Time: **12-1 pm**
Title of the Paper : **Data Mining** Max Marks: **30**

Section A

Answer ALL the Questions

6X1=6

- _____ is a technique to make an overfitted decision tree simpler.
A. Naïve Bayes B. Pruning C. Classification D. Overfitting
- _____ link is used to measure the maximum pairwise distance between two clusters.
A. Single B. Complete C. Centroid D. Average
- Which of the following probabilities are used in the Naïve Bayes methods?
A. $P(C_i|X)$ B. $P(C_i)$ C. $P(X|C_i)$ D. All of the above
- Which among the following is the classification software?
A. SMILES B. MANTAS C. CLUTO D. NET TRACKER
- _____ is the data sent by a web server to a client, to be stored locally by the client and sent back to the server on subsequent request.
A. DNS B. Cookie C. Proxy D. Client/Server
- Which of the application program that carries out a task similar to graph traversal?
A. Hyperlink B. Crawler C. Web metrics D. Indexer

Section B

Answer ALL the following questions

2X7=14

- a) Explain the guidelines for OLAP implementation?
(Or)
b) Write a note on density based method.
- a) Explain the divisive hierarchical methods?
(Or)
b) Describe the search engine functionalities?

Section C

Answer ANY one of the following

1X10=10

- Write all the methods for estimating the accuracy of a classification method?
- Explain the naïve bayes method for classification?



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