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	G.T.N.ARTS	COLLEGE (Autonomous)	
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	EVEN SEN INTERNAL A	MESTER [2018		
Class	: I BCA (A&B)	SSESSMENT	Date: 08.02.	19
Paper Code	: 17UCAS21		Time: 10.30 ·	
Title of the Paper	: Computer Archit	ecture &Logic De	sign Max Marks:	: 30
	Section	A		
Answer A	LL the Questions		6X1=	6
1. Number system	n has ty _l	pe of compleme	nts.	
A. 3	B. 2	C. 5	D. 7	
2. Binary Subtracti	on of $0-1 =$			
A. 0	B. 1	C. 11	D. 10	
3. 15 convert to bina	ary			
A. 1011	B. 1100	C. 1101	D. 1111	
4. The basic circuit	for storing information	on in a digital mach	ine is called	
A. logic design	B. Toggle	C. Flip -flop	D. Register	
5. Explain BCD				
	ded Decimal	B. Binaries Co		
•	Coded Decimal	D. Byte Coded		
	fact about digital cor			
A. Flip –flop	B. Clock		D. logic gates	
	Secti	ion B		
	LL the following qu		2X7=14	
7. a) Write the four		on and subtraction i	n 1's complement syst	tem .
h) Civa a short no	(Or) ote on binary multipli	action and division	.9	
	ister slave flip-flop w			
o. a) Explain are me	(Or)	im unugrum.		
b) Brief account of	on binary counter.			
		ion C		
	NY one of the follow		1X10=10)
	owing representations		D. 1. II. 1	
			Octal to Hexadecimal	al to Octal
			Decimal c) Hexadecimal	al to Octal

10. Explain in detail on BCD Counter?

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	BCA (A&B) UCAS21		Date: 08 .02.19 Time: 10.30-11.30 a		
		ture &Logic Desig			
Answer ALL t	Section A	vare ed Bogie Bess	6X1=6		
1. Number system has	stype	of complement	S.		
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 sto	oring information	in a digital machin	e is called		
A. logic design	B. Toggle	C. Flip -flop	D. Register		
5. Explain BCD					
A. Bit Loaded D	Decimal Period	B. Binaries Code	d Decimal		
C. Binary Coded	l Decimal	D. Byte Coded D	Pecimal		
6. A very important fact a	about digital comp	uter is that they are	e		
A. Flip –flop	B. Clock	C. logic design	D. logic gates		
	Section	ı 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					
8. a) Explain the master s	slave flip-flop with (Or)	diagram?			
b) Brief account on bin	•	-			
A A BIN7	Section		1 V 10 10		
Answer ANY of	ne of the followin	g	1X10=10		

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

9. Convert the following representations

10. Explain in detail on BCD Counter?

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INTERNAL ASSESSMENT TEST - I

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

 $[6 \times 1 = 6]$

		[Answer ALL the qu	iestions]		
1.		is the process by which one	object can acqui	re the prope	rties of
another ob		1 ,	3	1 1	
		b) object	c) inheritance	d) polymo	orphism
		is the mechanism that binds			
		keeps both safe from outsid			
		itance b) polymorphism			ılation
		ived from the base are usua			
		d b) base c)			
4.When ac	cessing	g member of a class given a	pointer to an obje	ect use the _	
operator in	stead o	of the dot operator.			
a)	::	b) → c). *	d) → ;	k	
5.In the fol	llowing	which one is pointer- to- r	member operator		_•
a)) ::	b) .* c)→	d) → *		
		is essentially an implic			
a)	referen	ice b) pointer c) as	rgument d) operator	
	S	ection B		[$[2 \times 7 = 14]$
	[An	swer ALL the questions]			
7. a))	Explain the basic structure	of c++ program	[(OR]
b))	Discuss about static member	er function in det	ail	
8. a))	Write in detail about Param	neterized construc	ctor [OR]
b))	Discuss about copy constru	ictor		
	Se	ction C		[1 x 10 = 10]
	[An	swer ANY ONE question]			
		program for function overlo		1.6	

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

Reg. No:	1	7	U	C	A				
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G.T.N.ARTS COLLEGE (Autonomous) (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST - I

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

Section A

 $[6 \times 1 = 6]$

[Answer **ALL** the questions]

1		is the process	by which one object (can acquire the propertie	s of another
objec		is the process	of which one object	our acquire are propertie	or unounci
		s b) object	c) inheritan	ce d) polymorphism	n
2		is the mechan	ism that binds togethe	er code and the data it ma	anipulates and
keep			terference and misuse		
				ass d) encapsulation	
3. Th				red to as	_classes.
			c) parent		
				to an object use the	
opera	ator ins	tead of the dot oper	ator.		
			c). *		
5.In	the foll			operator	
		a) :: b) .*	c) →	d) → *	
6.A(n)	is essentia	ally an implicit pointe er c) argument	r.	
	a)refer				
		Section B		[2 x 7 =	= 14]
			L the questions]		
7.	a)	-	structure of c++ prog		
	b)		tic member function		
8.	a)	Write in detail ab	out Parameterized co	onstructor [OR]	
	b)	Discuss about co	py constructor		
		Sect	ion C	[1 x 1	0 = 10]
		[Answer AN	Y ONE question]		
0	Write	a all program for	function overloading		

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

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

IN GOD WE TR	EVEN SEMESTER [2018-19]
	INTERNAL ASSESSMENT TES	T - I
Class	: II BCA	Date : 6.2.19
Paper (Time : $12 - 1$
Title of	f the Paper : JAVA PROGRAMMING	Max Marks :30
	Section A	$[6 \times 1 = 6]$
	[Answer ALL the questions]	[
1.	The mechanism of providing protection to data and met	hod 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)r	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	$[2 \times 7 = 14]$
	[Answer ALL the questions]	[= /]
7. a)	Write a short notes on data types in Java [OR]	
	Explain switch statement in detail	
	Explain classes and objects in java [OR]	
b)	Explain interface in java	
	Section C	$[1 \times 10 = 10]$
	[Answer ANY ONE question]	
9. Ex	plain for loop in java.	
10 Ev	plain pagkagas in datail	

10. Explain packages in detail.

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10. Explain packages in detail.

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INTERNAL ASSESSMENT TEST - I Class : II BCA Date: 6.2.19 Paper Code : 17UCAC41 Time: 12 - 1

Tit	le of	the Paper	: JAVA PROG	RAMMING		Max Marks : 30
			1	Section A Answer ALL the	questions	$[6 \times 1 = 6]$
	1.	The mech		ding protection to		d of a program is
	1.			ymorphism c)inl		· =
	2		, ,		•	Straction
	2.			r va		
		a)int	b)float	c)both	d)non	е
	3.		•	o select one out of t) nested if d) bre	•	sed on a condition is
	4.	A convent	ional matrix ca	an be represented	in a arr	ay.
		a) one dim	nensional	b) multi dimens	ional	
		c) two din	nensional	d) mul	tilevel	
	5.	An object	is an instance	of a		
		-		s c) sub function	d) method	
	6.	-	· ·	le can be used in a	•	
	٥.			c) extend		
		a) iiiai b	i instance	c) exterio	u) giobai	
				tion B		$[2 \times 7 = 14]$
				LL the questions]		
7.				a types in Java	[OR]	
0			itch statement sses and object		[OD 1	
8.			erface in java	.s III java	[OR]	
	U)	Lapium mu	criace in java			
			Se	ction C		$[1 \times 10 = 10]$
			[Answer A	NY ONE question	1]	
9.	Exp	lain for loop	p in java.			

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INTERNAL ASSESSMENT TEST - I

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

Course Title: RDBMS						
Sectio			$[6 \times 1 = 6]$			
[Answer	ALL the	questions]				
1 describes all relations that	are stored	in the database.				
a) External Schema b)Conceptual	Schema c)Internal Schem	a d)Physical Schema			
2. Every transaction begins by obtaining	ng a	on data obje	ct that it needs to read			
action.		· ·				
a) Timing Lock b) Exclusive	Lock c)	Shared Lock	d) System Lock			
3 determine whether two sul						
a) Overlap Constraints b) Key Const			_			
Constraint	,	1	,			
4. An entity set that is existence-depe	endent on	some other entit	tv is called a			
a)dominant Entity b) Strong Entity			-			
5. What is the RDBMS terminology for						
a) Tuple b) Relation c) Att						
6. An instance of a relation is a set of						
a) attribute b) domain c)tup		_				
Section B	10	differes	$[2 \times 7 = 14]$			
[Answer ALL the	questions1					
7.a) Write the difference between file	-	nd DBMS. (OR	2)			
b) Discuss about different levels of	-		-)			
b) Biseass about afficient fevels of	aostractic	ni ni u DBIVIO.				
8. a) Write Short Notes on : ER Mode	l. (OR)					
b) Discuss about Enforcing Integrity	y Constra	ints in the Relati	onal Model with			
examples.						
Section C			$[1 \times 10 = 10]$			
[Answer ANY ON]	E question]				
9. Describe in detail Advantages of a Dl	3MS.					
10. Explain the concept of Views.						

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10. Explain the concept of Views.

G.T.N.ARTS COLLEGE (Autonomous) (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) 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

Course Title	. 1001110			TVIAN TVIANTES : DV
		Section A		[6 x 1 = 6]
		[Answer ALL the		
1 des	cribes all relation	ons that are store	d in the database).
a) External Sci	hema b) Conce	eptual Schema c)	Internal Schema	a d)Physical Schema
2. Every transa	action begins by	obtaining a	on data obj	ect that it needs to read
action.				
a) Timing Loc	k b) Exclusive	Lock c) Shared	Lock d) Sys	stem Lock
3 det	ermine whether	two subclasses	are allowed to co	ontain the same entity.
a)Overlap Con	straints b)Key (Constraints c)Pa	rticipation Const	traints d)Domain
Constraint				
4. An entity se	t that is exister	nce-dependent or	some other ent	ity is called a
a)dominant En	ntity b) Strong	Entity c)Parent	Entity d)We	ak Entity
5. What is the	RDBMS termin	ology for a table	?	
a) Tuple	b) Relation	c) Attribute	d)Domain	
6. An instance	of a relation is	a set of		
a) attribute	b) domain	c) tuple	d)fields	
		ction B		$[2 \times 7 = 14]$
		LL the questions		
		veen file system		R)
b) Discuss a	about different le	evels of abstracti	on in a DBMS.	
*	ort Notes on : El	, ,		
•	about Enforcing	Integrity Constra	aints in the Relat	tional Model with
examples.	~			
		ction C	3	$[1 \times 10 = 10]$
0.15		NY ONE question	1]	
9. Describe in	detail Advantage	S OF a DBMS.		

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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

Course Code Course Title	: If BCA (A & B) : 17UCAC43 : Data Communication And Computer Networks	Time: 12-1 Max Marks: 30
1. Which layer is a) Application 2. Thel a) Physical b) 3. The communitis a) Simplex. 4. FDDI is a a) Ring Netwo 5. In token ring, a) The nearest c) The ring more	Section A [Answer ALL the questions] responsible for data translating? n b) Network c) Presentation d) Data link ayer is the closest to the transmission medium. Data link c) Network d) Transport cation mode that supports two way traffic only one di b) Half duplex. c) Duplex. d) Multiplex.	[6 x 1 = 6] rection at a time
7. a) Discuss La	Section B [Answer ALL the questions] AN and its possible topologies detail about any two transmission media.	[2 x 7 = 14]

	Section C		$[1 \times 10 = 10]$

[Answer ANY ONE question]

8. a) Discuss the Radio transmission and Microwave transmission. [OR]

9. Explain OSI reference model in detail.

b) Explain: i)Ethernet ii)Token bus iii)Token Ring

10. Explain in Details about HDLC

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G.T.N.ARTS COLLEGE (Autonomous) (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2018-19] INTERNAL ASSESSMENT TEST - I

	INTERNAL ASSESSMENT TEST -	1
	 : II BCA (A & B) : 17UCAC43 : Data Communication And Computer Networks 	Date: 8.2.19 Time: 12-1 Max Marks : 30
a) Application 2. The la a) Physical b) 3. The communic is a) Simplex. 4. FDDI is a a) Ring Networ 5. In token ring, t a) The nearest o c) The ring mor 6. A device that li	k b) Star Network c) Mesh Network d) Bus Network he token can be removed by lownstream neighbor b) The receiving station	
	Section B [Answer ALL the questions] AN and its possible topologies [OR] detail about any two transmission media.	$[2 \times 7 = 14]$
	e Radio transmission and Microwave transmission.[©)Ethernet ii)Token bus iii)Token Ring Section C	OR]
	[Answer ANY ONE question] eference model in detail. etails about HDLC	

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INTERNAL ASS	ESSMENT TEST -	
Class : II BCA Course Code : 17UCAS41 Course Title : SOFTWARE PROJECT M	/ANAGEMENT	Date: 09.02.19 Time: 10.30-11.30 Max Marks: 30
Section A		$[6 \times 1 = 6]$
	LL the questions]	[0.1.1.0]
 In defining the objectives, in the Affordable b) Achievable Group of methods or techniques 	c)Adjustable d) Aim	
1 1	c) methodologies	d) Technology
3. The costs of Recruitment and Staf a)Development cost b) Setup of		
4. The Limited scope for iteration isa) Water fall model b) Spira		
	c)C(Size)k d)C-(S	ize)k
6. Case Base reasoning is also called a)Expert judgement c)Point analysis		,
Section B [Answer ALL the que	estions]	$[2 \times 7 = 14]$
7. a) What are the activities covered b	y software project Manage	ement [OR]

a) What are the activities covered

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 $[1 \times 10 = 10]$

[Answer **ANY ONE** question]

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



Class

G.T.N.ARTS COLLEGE (Autonomous) (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST - I Date: 09.02.19 : II BCA

Course Code : 17UCAS41 Time: 10.30-11.30

: SOFTWARE PROJECT MANAGEMENT Course Title Max Marks: 30

Section A	$[6 \times 1 = 6]$
[Answer ALL the questions]	

1.In defining the objectives, in the mnemonic 'SMART', 'A' refers to

a) Affordable b) Achievable c) Adjustable d) Aim

2. Group of methods or techniques are grouped into c) methodologies d) Technology a) Plan b) tools

3. The costs of Recruitment and Staff training comes under .

a)Development cost b) Setup cost c) Operational cost d)Maintenance cost

4. The Limited scope for iteration is the strength of which of this process model?

b) Water fall model b) Spiral model c) Vmodel d) Prototyping model.

5. According to COCOMO model effort=

b)C+(size)k c)C(Size)k a) C/(size)k

6. Case Base reasoning is also called as . .

a)Expert judgement

b)Estimating by Analog

d)C-(Size)k

c)Point analysis

d)Reasoning study.

Section B $[2 \times 7 = 14]$

[Answer **ALL** the questions]

7. a) What are the activities covered by software project Management [OR]

b) Explain the Concept of Project Portfolio Management.

8. a) Write down the characteristics and principles of Agile method [OR]

b) What do you understand about SCRUM model.

Section C $[1 \times 10 = 10]$

[Answer **ANY ONE** question]

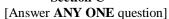
- 9. Discuss the techniques of Cost Benefit Evaluation in detail.
- 10. Explain the techniques for estimating Effort.

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G.T.N.ARTS COLLEGE (Autonomous) Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [FEB, 2019] INTERNAL ASSESSMENT TEST - I : III BCA A & B Paper Code : SCA8C62 Time :.10.30-11.30 Max Marks : 30						
Section A	[6 x 1 = 6]					
[Answer ALL the question	ions]					
1. A project of medium size requires programmers						
a) 2-5	b) 2-3					
c) 2-4	d) 3-4					
 system often involve complier, assemblers ar	and process control applications					
a) Small	b) Medium					
c) Very Large	d) Extremely Large					
3 method is top down estimation tool.	-					
· _ · _ ·	b) Group consensus					
, 1	d) LOC					
4. Theteam structure provide opportunity for each team member to						
contribute to decisions	sinty for each team member to					
a) Democratic b) Chief programmer						
,	d) All the above					
5. The development time for a utility program as given by	/					
TDEV=2.5*(PM)**	y Bollem is					
	b) 0.35					
,	d) 0.33					
6. COCOMO model expands to	u) 0.33					
	b) Cost computer Model					
,	d) Computer Cost Model					
Section B	$[2 \times 7 = 14]$					
[Answer ALL the questions]						
7. a) Explain the Project size categories in Software Engi						
b) Explain the Project size categories in Software English b) Explain the phased life cycle model	smeering [OK]					
8. a)Explain the Staffing Level Estimation [OR]						
b)Explain the Software Cost Factors in detail						
Section C	$[1 \times 10 = 10]$					
[Answer ANY ONE question	-					

9. Explain Quality and Productivity Factors of a Software Product

10. Explain about any TWO cost estimation Techniques

G.T.N.ARTS COLLEGE (Affiliated to Madurai Kam (Accredited by NAAC wi EVEN SEMESTER [FINTERNAL ASSESSMENT Class : III BCA A & B : SCA8C62 Title of the Paper : SOFTWARE ENGINEERING	araj th'B EB, 2	University) 3' Grade) 2019]		
Section A	ationa]	$[6 \times 1 = 6]$		
[Answer ALL the que 1. A project of medium size requires programmer				
a) 2-5	18	b) 2-3		
c) 2-4 d) 3-4		0) 2-3		
2 system often involve complier, assemblers	s and n	rocess 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. Theteam structure provide opport	rtunity	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 Bol	hem 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	,	$[2 \times 7 = 14]$		
[Answer ALL the question		day LOD 1		
7. a) Explain the Project size categories in Software End b Explain the phased life cycle model	ngmee	ring [UK]		
8. a)Explain the Staffing Level Estimation [OR]				
b)Explain the Software Cost Factors in detail				
Section C		$[1 \times 10 = 10]$		



9. Explain Quality and Productivity Factors of a Software Product

10. Explain about any TWO cost estimation Techniques

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(11		MESTER [2018-19	
I		SSESSMENT TES	
	III BCA (A&B)		Date: 08 .02.19
1	SCAGA61		Time: 12-1 pm
Title of the Paper : 1	Data Mining		Max Marks: 30
	Section	A	
Answer ALI	L the Questions		6X1=6
1 is	used to measure th	ne power of association b	between items that can be
ourchased together.			
A. Lift	B. Support	C. Coincidence	D. Antecedent
2 is a	subject oriented, i	ntegrated, time variant c	ollection of data in decision
support system.			
A. Data Mining	B. Data Warel	house C. Web Mining	D. Text Mining
3. The 10% presence of	f X and Y is called	d of th	ne rule.
A. antecedent	B. support	C. confidence	D. consequent
4. Which among the fo	llowing is the data	mining software?	
A. PHP	B. Mantas	C. Ajax	D. Python
5. Which schema ha	s a central fact tab	le and a set of surrounding	ng dimension table?
A.Star	B. Bus	C. External	D. Internal
		nitecture kernel is small a	and isolated?
A. Monolithic	B. Layer	C. Microkernel	D. Network
	Secti	on B	
Answer ALL	the following qu	estions	2X7=14
7. a) Explain the data n	nining techniques?	?	
	(Or)		
b) Write the algorith	m for FP-trees wit	th example?	
s. <i>a)</i> Compare me diffe	(Or)	DDS and data warehouse.	
b) Give a brief accou	, ,	ata warehouse architectur	re?

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

9. Discuss the Apriori algorithm with an example.

10. Explain the guidelines for data warehouse implementation?

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G.T.N.ARTS COLLEGE(Autonomous)
(Affiliated to Madurai Kamaraj University)

(Accredited by NAAC with 'B' Grade) ODD EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST - I

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

	Section A		
Answer ALL	the Questions		6X1=6
1 is u	sed to measure the po	ower of association betw	een items that can be
purchased together.			
A. Lift	B. Support	C. Coincidence	D. Antecedent
2 is a s	ubject oriented, integ	rated, time variant collec	ction of data in decision
support system.			
A. Data Mining	B. Data Warehous	e C. Web Mining	D. Text Mining
3. The 10% presence of	X and Y is called	of the ru	ıle.
A. antecedent	B. support	C. confidence	D. consequent
4. Which among the foll	owing is the data mir	ning software?	
A. PHP	B. Mantas	C. Ajax	D. Python
5. Which schema has			imension table?
A.Star	B. Bus	C. External	D. Internal
6. In which type of opera	ating system architect	ture kernel is small and i	isolated?
A. Monolithic	B. Layer	C. Microkernel	D. Network
	Section I	3	
Answer ALL t	the following questio	ons	2X7=14
7. a) Explain the data mi			
	(Or)		
b) Write the algorithm			
8. a) Compare the different		and data warehouse.	
h) Circa a brian a a a a a a a	(Or)		
b) Give a brief accoun	n on ODS and data w Section (varehouse architecture?	
Answer ANY	one of the following		1X10=10
9. Discuss the Apriori a		mple.	
10. Explain the guideline			

Reg. No: G.T.N.ARTS COLLEGE (Additional Kamar (Accredited by NAAC with EVEN SEMESTER [20] INTERNAL ASSESSMENT Class : III BCA Course Code : SCAGC61 Course Title : DOT NET PROGRAMMING	aj University) 'B' Grade) 18-19]
Section A [Answer ALL the question	$[6 \times 1 = 6]$
 is used for finding out about obje a) Form layout window b) Code Editor W c) Object browser d) Tool Window In Visual Basic, a variable name cannot be n a) 300 b) 355 c) 255 d) 400 Time copy of a st a) Rtrim b) Trim c) remove d)Ltrim The default property for a text box control is 	vindow nore than characters original control of the characters of the chara
a) multiline b) Enable c) Text d)p.5. MDI stands fora) Multiple Document Interface b)Multiple D	assword char Design Interface
c)Menu Design Interface d)Manipula 6array size can be changed at run ti a)fixed b)preserve c)Dynamic d)	
Section B [Answer ALL the questions]	$[2 \times 7 = 14]$
 a)Explain about solution Explorer properties wind b) Explain about Visual Basic statements with a a)Discuss about indenting text in rich text boxes with b) Write a program for String operations. 	example.
Section C	$[1 \times 10 = 10]$

[Answer **ANY ONE** question]

9. Explain about exception handling in detailed.

10. Discuss about Rich text box and Link label with example.

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G.T.N.ARTS COLLEGE (Autonomous) (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) **EVEN SEMESTER [2018-19]**

INTERNAL ASSESSMENT TEST - I Date: 06.02.19 Class : III BCA Course Code : SCAGC61 Time: 12.00-1.00

Course Title: DOT NET PROGRAMMING Max Marks: 30

> Section A $[6 \times 1 = 6]$ [Answer **ALL** the questions]

1. ----- is used for finding out about objects, properties and methods a) Form layout window b) Code Editor Window

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

Section B $[2 \times 7 = 14]$

[Answer **ALL** the questions]

- 7. 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 $[1 \times 10 = 10]$

[Answer **ANY ONE** question]

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

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(Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) **ODD SEMESTER [2018-19]**

INTERNAL ASSESSMENT TEST - II

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

	: I M.Sc.(CS) r Code : 17PCSC12 of the Paper : Digital Principles and Comp	Date: 25-10-18 Time: 9-11am outer Organization Max Marks: 50	
	Section A [Answer ALL the qu	[9 x 1 = 9]	
1.	A computer program that converts an entire		
	is called a/an	program into maciniic language at one	
	a) Simulator	b) Interpreter	
	c) Commander	d) Compiler	
2.	A set of common instructions that can be used	· •	
	a) Instruction	b) Program	
	c) Task	d) Subroutines	
3.	Pseudo instructions are	,	
		nory reference instructions	
		nt output instructions	
4.	Which of the following is typical characterist		
	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 t	he top of stack is	
	a) M[SP]<-DR	b) DR<-M[EA]	
	c) A<-M[SP]	d) DR<-M[SP]	
5.	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 pipe	line 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		
c) Single Instruction Multiple Data d) Several Instruction Multiple D			
9.	Reverse polish notation of(A+B) * [C * (D +		
	a) AB+DE+CF**+	b) $AB+DE+C*F+*$	
	c) $AB+DE+C*F*+$	d) $AB+DE+CF+**$	
		[P.T.O]	

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G.T.N.ARTS COLLEGE (Autonomous) (Affiliated to Madurai Kamarai University)

(Accredited by NAAC with 'B' Grade)							
ODD SEMESTER [2018-19]							
INTERNAL ASSESSMENT TEST - II							
Class	: I M.Sc.(CS)	Date: 25-10-18					
Pape	r Code : 17PCSC12	Time: 9-11am					
Title	of the Paper : Digital Principles and Cor	nputer Organization Max Marks : 50					
	Section A	$[9 \times 1 = 9]$					
_	[Answer ALL the						
1.	A computer program that converts an entir	e 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 us						
	a) Instruction	b) Program					
_	c) Task	d) Subroutines					
3.	Pseudo instructions are						
		emory reference instructions					
		put output instructions					
4.	Which of the following is typical characteri						
	a) Instruction taking multiple cycles	b) Highly pipelined					
_	c) Instruction interpreted by micro program						
5.	The symbolic expression for read item from						
	a) M[SP]<-DR	b) DR<-M[EA]					
	c) A<-M[SP]	d) DR<-M[SP]					
6.	PSW stands for	1) 5					
	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 pi						
	a) $k * (n-1)$	b) $k + (n - 1)$					
0	c) $k * (n + 1)$	d) $k + (n + 1)$					
8.	SIMD Stands for	1) (11					
		b) Several Instruction More Data					
0	c) Single Instruction Multiple Data						
9.	Reverse polish notation of $(A+B) * [C * (D + B) * [C * (D + B) * (D * (D * B) * (D * B) * (D * (D * B) * (D * (D * B) * (D * B) * (D * (D * B) * (D * B) * (D * (D * B) * (D * B) * (D * (D * B) * (D * B) * (D * (D * B) * (D * B) * (D * (D * B) * (D * B) * (D * B) * (D * (D * B) * (D * B) * (D * B) * (D * (D * B) * (D * B) * (D * B) * (D * (D * B) * (D *$						
	a) AB+DE+CF**+	b) AB+DE+C*F+*					
	c) AB+DE+C*F*+	d) AB+DE+CF+**					
		[P.T.O]					

Section B $[3 \times 7 = 21]$

[Answer ANY THREE questions]

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.

)R

Describe the decimal arithmetic operations.

Section C $[2 \times 10 = 20]$ [Answer ANY TWO questions]

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

Section B $[3 \times 7 = 21]$

[Answer ANY THREE questions]

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 [$2 \times 10 = 20$] [Answer ANY TWO questions]

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

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1 7 B	C		
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INTERNAL ASSESSMENT TEST - II

	: I BCA A&B. : 17UCAC21 Paper : OOPS WITH CPP	Date :11.04.19 Time : 9-10am Max Marks : 30
	Section A	$[6 \times 1 = 6]$
	[Answer ALL the question	
	A member inherited in the private in	mode derivation, becomes private in
	e derived class.	
	Public b) private c) class	
	Operator also called the class m	
,	Dot b) function call d) comma	d) pointer
	In the following which one is unary operator wh	
,	$() \qquad b) [] \qquad c) \rightarrow \qquad d) , (c)$	
	When a protected member is inherited in	mode, it become protected in
	e derived class.	
a)]	Protected b) auto c) public	d) private
5.	The operator is normally used to	access and modify a specific
ele	ements in an array.	
	<> b) { } c) [] d) ()	
	A(n) function is a member function	that is declared within a base class
	d redefined by a derived class.	
a)]	Inline b) virtual c) friend	d) recursion
	Section B	$[2 \times 7 = 14]$
	[Answer ALL the questions]	
7. a)	Explain about virtual function in c++ with an e	example [OR]
	Explain about Multilevel Inheritance with an e	
	r	
8. a)	Explain about Function Overloading using friend	nd function [OR]
b)]	Discuss about Basic Stream Class	
	Section C	$[1 \times 10 = 10]$
	[Answer ANY ONE question]	[1 x 10 - 10]
0 1	Evaloin with a all amorana for was and his	roms an anoton assaulas din a
	Explain with a c++ program for unary and bin Explain about built in manipulators with examp	• •

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INTERNAL ASSESSMENT TEST - II

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

		Se	ection A		$[6 \times 1 = 6]$
		[Ans	wer ALL the quest	tions]	
7.	A	member inh	erited in the privat	e mode deriva	ation, becomes private in
ť	he derived c	lass.			
b)Public	b) private	c) class	d) protecte	ed
8.		Operator a	also called the class	member acce	ess operator.
b	o)Dot	b) function ca	all d) comm	a d) poi	inter
9.	In the follo	wing which one	e is unary operator	while overloa	ding
	o) ()		$c) \rightarrow d$		
	When a property the derived c		is inherited in	mode,	it become protected in
			c) public		
11.	The	operate	or is normally used	to access and	l modify a specific
е	elements in a	n array.			
t	0)<>	b) { }	c) [] d) ()	
12.	A(n)	function i	s a member function	on that is decla	ared within a base class
		d by a derived cl			
t	o)Inline	b) virtual	c) friend	d) recursi	on
		Section	_		$[2 \times 7 = 14]$
		[Answer ALL	the questions]		
7. a)	Explain al	out virtual func	tion in c++ with a	n example	[OR]
b.	Explain ab	out Multilevel	Inheritance with an	n example	
8. a)	Explain ab	out Function Ov	verloading using fr	iend function	[OR]
b)	-	out Basic Strean			
			ion C		$[1 \times 10 = 10]$
		[Answer ANY	ONE question]		
9.	Explain wi	th a c++ progra	m for unary and b	oinary operato	or overloading

Explain about built in manipulators with example

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G.T.N.ARTS COLLEGE (Aut (Affiliated to Madurai Kamaraj Un	
(Accredited by NAAC with 'B'	
EVEN SEMESTER [2018-19	
INTERNAL ASSESSMENT TES	
Class : I BCA (A&B)	Date: 11.04.19
Paper Code : 17UCAS21 Fitle of the Paper : Computer Architecture & Logic Design	Time: 10.30-11.30 am Max Marks: 30
The of the raper . Computer Architecture & Logic Design	Wida Widiks. 30
Section A	
Answer ALL the Questions	6X1=6
1 are memories that use flip flop storage for the bits in the r	nemory
a) RAM b) SRAM c) ROM d) SROM	
2. A basic module used in arithmetic element is the	
a) Half adder b) full adder c) both a and b d)	none
3. All buses can be divided into major sections	
a) 4 b) 2 c) 5 d) 3	
4. The arithmetic logic unit and control unit are generally placed	=
a) interface b) central processing unit c) main memory	d) display
5. The control lines are called	
a) interrupt line b) optical line c) electric l	,
6. 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 A	16
Section B	AVE 14
Answer ALL the following questions 7. a) Design and explain the full adder.	2X7=14
(Or)	
b) Give a short note on ROM.	
8. a) Explain the types of multiplexers.	
(Or)	
b) Brief account on interfacing printer.	
Section C	
Section C	

(Or)	
b) Brief account on interfacing printer.	
Section C	
Answer ANY one of the following	1X10=10
9. Describe the concept of SRAM and DRAM.	
10. Discuss in detail on interfacing buses.	

Reg.No: G.T.N.ARTS COLLEGE (Autonom (Affiliated to Madurai Kamaraj Univ (Accredited by NAAC with 'B' Gr EVEN SEMESTER [2018-19] INTERNAL ASSESSMENT TEST	ersity) ade)
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
1 are memories that use flip flop storage for the bits in the men	·
a) RAM b) SRAM c) ROM d) SROM	nor y
2. A basic module used in arithmetic element is the	
a) Half adder b) full adder c) both a and b d) no	ana.
3. All buses can be divided into major sections	one -
a) 4 b) 2 c) 5 d) 3	
4. The arithmetic logic unit and control unit are generally placed tog	rother and called the
a) interface b) central processing unit c) main memory	d) display
5. The control lines are called	u) dispiay
a) interrupt line b) optical line c) electric line	e d) small line
6. The number of the selected device is placed on address lines	u) sman me
a) A7 to A0 b) A0 to A7 c) A1 to A7 d) A0 to A6	
Section B	
271111	2X7=14
Answer ALL the following questions	2A/=14
7. a) Design and explain the full adder.	
(Or)	
b) Give a short note on ROM.	
8. a) Explain the types of multiplexers.	

(Or)

Section C

1X10=10

b) Brief account on interfacing printer.

Answer ANY one of the following

9. Describe the concept of SRAM and DRAM. 10. Discuss in detail on interfacing buses.

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INTERNAL ASSESSMENT TEST – II

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

Course Title : Data Communication And Computer Networks	. Max Marks : 30
Section A	[6 x 1 = 6]
[Answer ALL the questions]	
1. ATM stands for	
a) Automatic Teller Machine. b) Automatic Transfer Mo	ode.
c) Asynchronous Transfer Mode. d) Asynchronous Transf	
2. The that connect the switch to a user devices.	
a) NNI b) UNI c) DNI d) TNI	
3. Frames relay is an example of a	
a) T-switching b) Packet switching c) Circuit switching	
d) Frame switching	
4routing means there is no central control.	
a) Centralized b) Distributed c) Static. d) Adaptive.	
5routing provides the most current information regarding li	ink costs.
a) Centralized b) Distributed c) Static d) Adaptive.	
6. Packets in the IP layers are called	
	Data ID.
-,	
Section B	$[2 \times 7 = 14]$
[Answer ALL the questions]	
7. a) Explain in detail about the ISDN ATM Principal character	ristics . [OR]
b) How to calculate runtime calculation of program? Explain	
8. a) What is -User Datagram Protocol [OR]	
b) Explain in detail about Routing Principles.	
Section C	$[1 \times 10 = 10]$
[Answer ANY ONE question]	-
9. Illustrate the uses of ISDN.	
10 Explain about Diiketra algorithm	

- 10. Explain about Dijkstra algorithm.

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10. Explain about Dijkstra algorithm.

G.T.N.ARTS COLLEGE (Autonomous) (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) 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 [Answer ALL the questions]	$[6 \times 1 = 6]$
1. ATM stands for	
a) Automatic Teller Machine. b) Automatic Transfer Mode.	
	l _a
c) Asynchronous Transfer Mode. d) Asynchronous Transaction Mod	ie.
2. The that connect the switch to a user devices.	
a) NNI b) UNI c) DNI d) TNI	
3. Frames relay is an example of a	
a) T-switching b) Packet switching c) Circuit switching	
d) Frame switching	
4routing means there is no central control.	
a) Centralized b) Distributed c) Static. d) Adaptive.	
5routing provides the most current information regarding link costs.	
a) Centralized b) Distributed c) Static d) Adaptive.	
6. Packets in the IP layers are called	
a) Data congestion b) Dataflow c) Datagram. d) Data ID.	
Section B	$[2 \times 7 = 14]$
	$[2 \ X \ / - 14]$
[Answer ALL the questions]	D 3
7. a) Explain in detail about the ISDN ATM Principal characteristics . [O	R J
b) How to calculate runtime calculation of program? Explain.	
8. a) What is -User Datagram Protocol [OR]	
b) Explain in detail about Routing Principles.	
G., P., G	[1 - 10 10]
Section C	$[1 \times 10 = 10]$
[Answer ANY ONE question]	
9. Illustrate the uses of ISDN.	

(Affiliated to (Accredite EVEN	Reg.No: ARTS COLLEGE (Madurai Kamaraj d by NAAC with 'I SEMESTER [2018	University) B'Grade) B-19]
Class : II BCA (A&	%B)	Date: 10.04.19
Course Code : 17UCAC42 Title of the Paper : RDBMS		Time: 10.30-11.30 am Max Marks: 30
The of the Paper : RDBWIS		Wax Warks. 30
	ection A	
Answer ALL the Quest		6X1=6
1 indicate that the table co		
a) distinct b) uniq 2. Which of the following is not a s		d)Not Null
a) Some b)Any	c)Union	d)All
3. Triggering event should be defined		
called		1100 10010 18
a)Recursive Trigger	b) Statement Level Trig	ger c)Row level Trigger
d)Column Level Trigger		
4.The property enables		
a)closure Dependency		rmal Dependency
c)Loss Less Join Depende		ctional Dependency
5. Third Normal Form is based on	b)Transitive Dependence	V.
c)Normal Dependency	d)Functional Dependence	y
6. If every non-key attribute is fund	•	•
will be in	buonany acpendent on the	primary key, then the relation
a)1 NF b)2 NF	C)3NF	D)4NF
Section	, P	
Answer ALL the follow		2X7=14
7. a) Explain about 'Group By' an		211 , -11
b) How null values are used in I		
8. a) Describe the concept of Boye	ce Codd Normal Form.	(Or)
b)Explain about Functional Dep		
	Section C	
Answer ANY one of the		1X10=10
9. Explain the roll of Triggers in A		
10. Write in detail about Fourth N	ormai Form and Fifth Nor	mai rorm wim Example.

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	CA (A&B)	LOOME		: 10.04.19	
	CAC42			: 10.30-11.30 am	
Title of the Paper : RDE			Max	Marks: 30	
Answer ALL the			er should not	6X1=6	
	b) unique	c)check		t Null	
2. Which of the following is					
	b)Any	c)Union	d)All		
a)Recursive Trigg d)Column Level T		ement Leve	l Trigger	c)Row level Trigger	
4.The property e					
a)closure Depende			o) Normal De		
c)Loss Less Join I			l)Functional I	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	e is functionally	dependent	on the primar	y key, then the relation	
will be in a)1 NF	b)2 NF	C)3NF	D)4N	IF .	
Answer ALL the 7. a) Explain about 'Group	By' and 'Havin	g' Clauses.	(Or)	2X7=14	
b) How null values are u 8. a) Describe the concept b)Explain about Function	of Boyce Codd	Normal For with examp			

- 7. a
- 8.

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.



INTERNAL ASSESSMENT TEST - II

Class : II BCA A & B	Date: 09 -4-19
Course Code: 17UCAC41	Time: 12-1 pm
Course Title: Java Programming	Max Marks: 30

rse]	Title : Java Programmi	ng	Max Marks : 30
		Section A	$[6 \times 1 = 6]$
	[A 1	nswer ALL the questions]	
1.	Class is a	wrapper for short type.	
	a) byte	b) wrapper	
	c) short	d) long	
2.	Basic type of parameters	s can be passed by reference us	sing class objects.
	a) short	b) wrapper	
	c) long	d) bit	
3.	When more than one tas	sk is processed by a computer,	it is called
	a) multi-threading	b) multi-tasking	
	c) multi-filtering	d) multi-functioning	
4.		executed in a thread are to be	placed in method.
	a) file ()	b) start ()	
	c) stop ()	d) run ()	
5.	A java program that is e	embedded in a html document	and runs in browser is
	known as		
	a) thread	b)awt	
	c)applet	d) array	
6.		l is used in applet for displayin	g text in status bar
	a) status()	b) show()	
	c) showStatus()	d)init()	
		S & D	F2 7 141
	[A AT	Section B	$[2 \times 7 = 14]$
7	-	L the questions]	[OD]
	a) Write a short note on Wb) Explain Interface with a		[OR]
	b) Explain interface with a	an Example	
8.	a) Write a program for Mu	ltilevel Inheritance concept	[OR]
		Byte Stream with an Example	
	, <u>*</u>	Section C	$[1 \times 10 = 10]$
	[Answer Al	NY ONE question]	-
9.	Explain about the Life Cy		
	Explain about Multithread		

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G.T.N.ARTS COLLEGE (Autonomous) (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2017-18]

INTERNAL ASSESSMENT TEST - II

Class : II BCA A & B

Course Code : 17UCAC41

Course Title : Java Programming

Date : 09-4-19

Time : 12- 1 pm

Max Marks : 30

		Section A	$[6 \times 1 = 6]$
		Answer ALL the questions]	
1.	Class is	a wrapper for short type.	
	a) byte	b) wrapper	
	c) short	d) long	
2.	Basic type of paramete	ers can be passed by reference using	g class objects.
	a) short	b) wrapper	
	c) long	d) bit	
3.	When more than one ta	ask is processed by a computer, it is	is called
	a) multi-threading	b) multi-tasking	
	c) multi-filtering	d) multi-functioning	
4.	The codes that are to b	e executed in a thread are to be pla	ced in method.
	a) file ()	b) start ()	
	c) stop ()	d) run ()	
5.	A java program that is	embedded in a html document and	l runs in browser is
	known as	_	
	a) thread	b)awt	
	c)applet	d) array	
6.	metho	od is used in applet for displaying to	ext in status bar
	a) status()	b) show()	
	c) showStatus()	d)init()	
		Section B	$[2 \times 7 = 14]$
	[Answer A	LL the questions]	
7.	a) Write a short note on V	Vrapper Class	[OR]
	b) Explain Interface with	an Example	
0	a) Write a program for M	ultilaval Inhanitanaa aanaant	[OD 1
0.		ultilevel Inheritance concept	[OR]
	b) Explain in detail abou	t Byte Stream with an Example Section C	[1 10 10
	[Angreen A		$[1 \times 10 = 10]$
0	Explain about the Life C	ANY ONE question]	
7.	Explain about the Life C	ycie di ali Appiel	

10. Explain about Multithreading in detail

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W GOD WE TRUST	(Accredited by NAAC wi				
	EVEN SEMESTER [
	INTERNAL ASSESSME				
Class	: II BCA (A&B) : 17UCAS41	Date: 12.04.19			
Course Code Title of the Pape		Time: 10.30-11.30 am at Max Marks: 30			
Title of the Fape	. Software I Toject Managemen	it Iviax iviai ks. 30			
	Section A				
	er ALL the Questions	6X1=6			
	ried out to calculate the earliest dates	on which each activity may be started			
and completed.	ard pass b) Backward pass c) WB	S d)Gantt chart			
		d)Gantt chart			
	PERT, te =	4 .1.1/6.11/ .4 .1.146			
a)(a+4)	m-b)/6 b) (a+4m*b)/6 c) (a+	4m+b)/6d) (a+4m-b)*6			
	more the slip line bends, the variation	from the plan is			
	ter b) lesser c) equal d)zero light method, the second level elemen	ats on the scale green			
indicates	•	its off the scare green			
		rable c)on target d) not on target and			
recoverable with	n difficulty				
		e others recognizing it as being correct			
is an example ofgroup tasks a) Additive b) Compensatory c)Disjunctive d) Conjuctive					
	structure, any member is free to discus				
	ocratic b)chief programmer c)mixed				
,	,				
Section B					
Answer ALL the following questions 2X7=14					
7. a) Explain the forward pass in calculating the earliest dates on each activity					
(Or)	e two approaches in the identification	of risks			
	Cost Monitoring . (Or)	OI IIOIO.			
	e select the right person for the job.				
	Section C				
	r ANY one of the following	1X10=10			
	tail about Critical Path Method.	4			
10. Explain the	concept of visualizing the progress of	me project.			

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EVEN SEMESTER [2018-1	
INTERNAL ASSESSMENT TE	
	Date: 12.04.19
	Time: 10.30-11.30 am Max Marks: 30
Title of the Paper : Software Project Management	Wax 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.	
	Santt chart
2) According to PERT, te =	
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 a) greater b) lesser c) equal d)zero 4) In the Traffic light method, the second level elements on the indicates a)not on target b) not on target and recoverable c) recoverable with difficulty 5) Some one coming up with the right answer and the others r is an example ofgroup tasks a) Additive b) Compensatory c)Disjunctive d) Congo Inteam structure, any member is free to discuss with an a)Democratic b)chief programmer c)mixed control 	scale green on target d) not on target and recognizing it as being correct juctive ny other member
Section B	
Answer ALL the following questions	2X7=14
7. a) Explain the forward pass in calculating the earliest dates of	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.	11110-10
10. Explain the concept of visualizing the progress of the project	ct.

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		AL ASSES	SMENT	TES	ST -	H		
	III BCA (A					Date: (
Paper Code :						Time:	_	
Title of the Paper :	Dot NET	Programming	3			Max N	1arks:	30
		Section A						
Answer ALI							6 V	(1=6
Which is not a prope			rol class?				UA	1-0
A. Font B. S	•							
				obioo	+ 9			
2. The Cancel butto		-		object	ι:			
A. Form B. la		ton D. Tex	t Box					
B. VB .net Supports								
A. Structured Error h	ıandling	B. Unstruct	tured Erro	r handli	ing	C.botl	1	
D. Errorhandling								
4 Control i								
A. Tree view	B. Gr	id view C.	Progress	bar		D. Too	olbar	
5 con	nbines the	features of the	text box	and list	box.			
A. Picture box	B.Opt	ion Button	C. (Combo	box	D. Che	eck box	X
6. Frame Control act as	S							
A. Method B.	. Event	C. Class	D. Conta	ainer				
		Section B						
A a A T T	4h a Callan		~				2V'	7=14
Answer ALL 7. a) Explain about the			S				2A	/=14
. a) Explain about the	button wit	(Or)						
b) Write a note on R	adio butto	` /	ole.					
3. a) Explain in detail				nple.				
, 1		(Or)		1				
b) Explain in detail a	about the C	Combo box wi	th example	e.				

Section C

10. Explain about Image list, Tool bars, Status and progress bar with example.

1X10=10

Answer ANY one of the following

9. Discussed about Scroll bar, Track bar and tool tips with example.

(Accredited by NAAC with 'B' Grade) ODD EVEN SEMESTER [2018-19] INTERNAL ASSESSMENT TEST - II Class : III BCA (A&B) Date: 09.04.19 Time: 12-1 pm Paper Code : **SCAGC61** Title of the Paper : Dot Net Programming Max Marks: 30 Section A **Answer ALL the Questions** 6X1=61. Which is not a property of the common control class? B. Show C. Forecolor D. Backcolor A. Font 2. The Cancel button property belongs to which object? A. Form B. label C. button D. Text Box 3. VB .net Supports -----A. Structured Error handling B. Unstructured Error handling C.both D. Errorhandling 4. ----- 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. 5. A. Picture box C. Combo box D. Check box **B.Option Button** 6. Frame Control act as----. C. Class A. Method B. Event D. Container **Section B Answer ALL the following questions** 2X7=14 7. a) Explain about the button with example. b) Write a note on Radio buttons with example. 8. 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 9. Discussed about Scroll bar, Track bar and tool tips with example. 10. Explain about Image list, Tool bars, Status and progress bar with example.

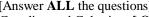
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(Affiliated to Madurai Kamaraj University)

	Reg. No:		
Class Paper Code Title of the Paper	G.T.N.ARTS COLLEGE (Au Madurai Kamaraj Univ (Accredited by NAAC with EVEN SEMESTER [APRI INTERNAL ASSESSMENT: III BCA A & B: SCAGC62: SOFTWARE ENGINEERING	ersity) 'B' Grade) L, 2019]	G.T.N.A (Affiliated (Accred EVEN INTER Class Paper Code Title of the Paper : SOFTW
	Section A	$[6 \times 1 = 6]$	
	[Answer ALL the question		
1. of a d	lata flow diagram specifies processing ac		1 of a data flow diag
a) Nodes) Arcs	a) Nodes
c) Graph	d) Tree	c) Graph
2 is a p	rocess of isolating and correcting the cau	se of known errors.	2 is a process of iso
a) Testing	b) Debugging	a) Testing
c) Coding) SQA	c) Coding
3. In coupli	ng, one module relies on the internal wor	king of another module.	3. In coupling, one mode
a) Conten	t b) Control	a) Content
c) Stamp	d) External	c) Stamp
4. The software red	quirements specification is based on	<u> </u>	4. The software requirements s
) Users manual	 a) System definition
c) Project		,	c) Project plan
5. The b	oard reviews and approves all change re-	quests.	5. The board reviews

α, 1	comig	0, 1	2000000000	
c) (c) Coding d) SQA			
3. In	_ coupling, one module relies on the i	internal worki	ng of another module	e.
a)	Content	b)	Control	
c)	Stamp	d)	External	
4. The sof	ftware requirements specification is ba	sed on	·	
a)	System definition	b)	Users manual	
c)	Project plan	d)	Design	
5. The	board reviews and approves al	ll change requ	ests.	
a)	Change control	b)	Review control	
c)	Control review	d)	Review change	
6	_ is concerted with tracking and cont	rolling of the	work products that co	onstitute a
software p	product.			
a) S	SQA	b) V	Verification	
c) C	Configuration Management	d) N	Metrics	
	Section B		[2	$2 \times 7 = 14$
	[Answer ALL the			
7. a) Exp	lain the concept of Coupling and Coh	esion [OR]		
b Expl	ain briefly about Fundamental design	concepts.		
8. a) Wri	te short notes on walkthroughs and Ins	spections [OI	R]	
b) Exp	plain about Managerial aspects of Softw	ware Maintena	ance	
	Section C		[1 x 1	[0 = 10]
	[Answer ANY ON]	E question]	_	-
9. Explai	n any THREE Design techniques			
10. Descri	ibe about the System Testing.			

Reg. No:				
G.T.N.ARTS COLLEGE (Autonomous) (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [APRIL, 2019] INTERNAL ASSESSMENT TEST – II				
: III BCA A & B r Code : SCAGC62		Date: 10.4.19 Time: 10.30-11.30		
of the Paper : SOFTWARE ENGINEERING	G	Max Marks : 30		
Section A		$[6 \times 1 = 6]$		
[Answer ALL the qu				
of a data flow diagram specifies processi	_			
a) Nodes	,	Arcs		
c) Graph	,	Ггее		
is a process of isolating and correcting the				
a) Testing		Debugging		
c) Coding d) SQA				
coupling, one module relies on the interna-	al worki	ng of another module.		
a) Content	b)	Control		
c) Stamp	d)	External		
e software requirements specification is based on				
a) System definition	b)	Users manual		
c) Project plan	d)	Design		
e board reviews and approves all char	ige requ	iests.		
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				
vare product.				
a) SQA		Verification		
c) Configuration Management	d) I	Metrics		
Section B		$[2 \times 7 = 14]$		
[Answer ALL the questions]				
Explain the concept of Coupling and Cohesion [OR]				
Explain briefly about Fundamental design concepts				
Write short notes on walkthroughs and Inspections [OR]				



7. a) Explain the concept of C

b) Explain briefly about Fur

8. a) Write short notes on walk

b) Explain about Managerial aspects of Software Maintenance

Section C $[1 \times 10 = 10]$ [Answer ANY ONE question]

9. Explain any THREE Design techniques

10. Describe about the System Testing.

software product. a) SQA

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EVEN SEMESTI							
INTERNAL ASSESS	MENT	TES	ST -	- II			
Class : III BCA (A&B)				Γ	ate: 1	1.04	.19
Paper Code : SCAGA61				T	ime:	12-1 r	om
Title of the Paper : Data Mining					Iax M		
Section A							
Answer ALL the Questions						62	X1=6
1 is a technique to make an ov	verfitted d	lecisio	n tre	e sin	ıpler.		
A. Naïve Bayes B. Pruning C. Class.							
2link is used to measure the ma	aximum p	airwi	se dis	stanc	e betv	veen t	wo
clusters.							
A. Single B. Complete C. Centroid I	D. Averag	e					
3. Which of the following probabilities are used in	_		Wes 1	meth	ods?		
• •	All of the		•	inctii	ous.		
			•				
4. Which among the following is the classification		re?					
A. SMILES B. MANTAS C. C							ACKER
5 is the data sent by a web serve	er to a cli	ent, to	be s	torec	llocal	lly by	the
client and sent back to the server on subsequent r	request.						
•	Proxy	I	D. Cl	ient/S	Servei		
6. Which of the application program that carries	•)
A. Hyperlink B. Crawler C. V				-			
Section B	W CO IIICU	ics	ט	. mu	CACI		
Section b							
Answer ALL the following questions						2X	7=14
7. a) Explain the guidelines for OLAP implement	tation?						
(Or)							
b) Write a note on density based method.							
8. a) Explain the divisive hierarchical methods?							
(Or)							
b) Describe the search engine functionalities?							
Section C							
Answer ANY one of the following						1X1	10=10

9. Write all the methods for estimating the accuracy of a classification method?

10. Explain the naïve bayes method for classification?

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ODD EVEN SEMI				
INTERNAL ASSES 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			
The of the ruper	17411744115700			
Section A				
Answer ALL the Questions	6X1=6			
1 is a technique to make an o	-			
A. Naïve Bayes B. Pruning C. Class	ssification D. Overfitting			
2 link is used to measure the r	naximum pairwise distance between two			
clusters.				
A. Single B. Complete C. Centroid	D. Average			
3. Which of the following probabilities are used	d in the Naïve Bayes methods?			
A. $P(C_i X)$ B. $P(C_i)$ C. $P(X C_i)$ D.	All of the above			
4. Which among the following is the classificat	ion software?			
A. SMILES B. MANTAS C.	CLUTO D. NET TRACKER			
5 is the data sent by a web ser	ver to a client, to be stored locally by the			
client and sent back to the server on subsequent	t request.			
A. DNS B. Cookie C.	Proxy D. Client/Server			
6. Which of the application program that carrie	s out a task similar to graph traversal?			
A. Hyperlink B. Crawler C. Web me	trics D. Indexer			
Section B				
Answer ALL the following question	s 2X7=14			
7. a) Explain the guidelines for OLAP implement				
(Or)				
1. XXV. to a make an demarkable of models of				

Answer ALL the

b) Write a note on density based method.

8. a) Explain the divisive hierarchical methods?

(Or)

b) Describe the search engine functionalities?

Section C

Answer ANY one of the following

1X10=10

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