]	Reg.No:							
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G.	T.N.ARTS	COLLEGE	(Aut	ono	m o u	ıs)			
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	EVEN SEME				_				
	ERNAL ASS CA (A&B)	ESSMENT	TES		I Date:	∩Q	02 1	10	
	CAS21								80 am
Fitle of the Paper : Con		ure &Logic D	esign		Max				, o u iii
*		0							
	Section A								
Answer ALL the	-	C 1	4			6X	1=6	•	
. Number system has				_					
	B. 2	C. 5	D	0. 7					
2. Binary Subtraction of 0)-1 =								
	B. 1	C. 11	D	. 10					
3. 15 convert to binary									
	B. 1100	C. 1101). 1111					
4. The basic circuit for stor	ring information i	n a digital mac	hine i	s calle	ed				
A. logic design	B. Toggle	C. Flip -flop	D	Reg	ister				
5. Explain BCD									
A. Bit Loaded De	cimal	B. Binaries C	oded I	Decim	al				
C. Binary Coded		D. Byte Code							
6. A very important fact ab		-							
A. Flip –flop	B. Clock	C. logic desig	gn D). logi	c gate	es			
	Section	В							
Answer ALL the	following quest	ions			2	X7=	14		
7. a) Write the four conditi		and subtraction	in 1's	comp	olem	ent s	syste	em .	
1) 6' 1	(Or)		0						
b) Give a short note on b 3. a) Explain the master sla			on?						
s. a) Explain the master siz	(Or)	diagram:							
b) Brief account on bina	` ′								
	Section								
Answer ANY one		g			13	X10 =	=10		
October 1 to P. October 1 to P.		o Dooimal -\	Octo1	to II-	wo.4 -		1		
i) $(345)_8$ a) Octal to B	inary b) Octal t	o Decimai (C)	Octal	то не	xaue	cim	aı		

ii) (A2DE) 16 a) Hexadecimal to binary b) Hexadecimal to Decimal c) Hexadecimal to Octal

10. Explain in detail on BCD Counter?

Class Paper Code	G.T.N.ARTS COnfiliated to Mad	urai Kamaraj NAAC with 'B IESTER [2018 SSESSMENT T	Univ 'Gra -19] 'EST	ersity) ade)
•			<u> </u>	
Answer A	Section A ALL the Questions	A		6X1=6
	m hastyp	e of complemen	ts.	
A. 3	B. 2	C. 5	D. 7	
2. Binary Subtract	ion of 0-1 =			
A. 0	B. 1	C. 11	D. 10)
3. 15 convert to bin	nary			
A. 1011	B. 1100	C. 1101	D. 11	11
4. The basic circuit	for storing information	n in a digital machir	ne is ca	lled
A. logic design	n B. Toggle	C. Flip -flop	D. Re	egister
5. Explain BCD				
A. Bit Loa	nded Decimal	B. Binaries Code	ed Dec	imal
•	Coded Decimal	D. Byte Coded I		1
	t fact about digital com	-		
A. Flip –flop	B. Clock	C. logic design	D. lo	gic gates
	Section	on B		
7. a) Write the four	LL the following que conditions for addition (Or)	n and subtraction in	l's coi	2X7=14 mplement system.
	ote on binary multiplic aster slave flip-flop wi			
	(Or)			
b) Brief account	on binary counter.	~		
Answer A	Section NY one of the follow			1X10=10

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

Reg. No:	1	7	U	C	A		



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.

(Affiliated to (Accredit EVE INTERN Class :I CA Course Code : 17UCCN	Reg.No: .ARTS COLLEGE (o Madurai Kamaraj ed by NAAC with ' l N SEMESTER [2018 IAL ASSESSMENT 21 UCTION TO HTML	(University) B'Grade) B-19]	
	Section A		
	L the Questions	6X1=6	
1. Fundamental HTML Block is A. HTML Body B. HTML Tag 2. Apart from A. <fat> B. 3. What is the full form of HTM A. Hypertext Markup Languag C. Hyper Tech Markup Languag 4. Who is Known as the father o A. Robert Cailliau B. Ti 5. What tag is used to display a A. picture B. image 6. Which of the following tag is A. <td> B. C. C. C. C. C. C. C. C</br></br></td><th>g C. HTML Attribute er tag makes text bold? C. <black> D. <er (www="" a="" age="" b.="" beginning="" c.="" charles="" d.="" da="" f="" html="" hyper="" img="" in="" l?="" m="" mark="" none="" of="" of<="" page?="" picture="" src="" te="" teach="" th="" these="" thompson="" to="" used="" web="" wide="" world=""><td>up Language)? arwin D. Tim Berners-Lee</td></er></black></th></fat>	B. C. C. C. C. C. 	g C. HTML Attribute er tag makes text bold? C. <black> D. <er (www="" a="" age="" b.="" beginning="" c.="" charles="" d.="" da="" f="" html="" hyper="" img="" in="" l?="" m="" mark="" none="" of="" of<="" page?="" picture="" src="" te="" teach="" th="" these="" thompson="" to="" used="" web="" wide="" world=""><td>up Language)? arwin D. Tim Berners-Lee</td></er></black>	up Language)? arwin D. Tim Berners-Lee
	Section B		
Answer ALL the follo 7. a)Explain world wide web set b) Write the difference between	rvices (Or)	2X7=14 search engine.	
8. a) What are the types of headi	ng tag?	C	
b Explain the font tag with its Answer ANY one of the second sec	Section C ne following with an example	1X10=10	

Reg.No: G.T.N.ARTS COLLEGE (Autonomou (Affiliated to Madurai Kamaraj Univer (Accredited by NAAC with 'B' Grad ODD EVEN SEMESTER [2018-19] INTERNAL ASSESSMENT TEST - Class Course Code Course Title : INTRODUCTION TO HTML	e)	
Section A		
Answer ALL the Questions	6X1=6	
1. Fundamental HTML Block is known as A. HTML Body B. HTML Tag C. HTML Attribute D. HTM 2. Apart from b> tag, what other tag makes text bold? A. <fat> B. C. <black> D. <emp> 3. What is the full form of HTML? A. Hypertext Markup Language B. Hyper Teach Markup Language C. Hyper Tech Markup Language D. None of these 4. Who is Known as the father of World Wide Web (WWW)? A. Robert Cailliau B. Tim Thompson C. Charles Darwin 5. What tag is used to display a picture in a HTML page? A. picture B. image C. img D. src 6. Which of the following tag is used to mark a beginning of paragraph A. <td> B. C. <p> D. <tr></tr></p></td><td>D. Tim Berners-Lee</td></emp></black></fat>	B. C. <p> D. <tr></tr></p>	D. Tim Berners-Lee
Section B		
Answer ALL the following questions 7. a)Explain world wide web services (Or)	2X7=14	
b) Write the difference between search engine and meta search eng 8. a) What are the types of heading tag? (Or) b Explain the font tag with its attributes in detail. Section C		
Answer ANY one of the following 9. Write short notes on list tag with an example 10. Explain different types of computer viruses	1X10=10	

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Class	: II BBA	Date: 8.2.19
Course Code	: 17UBAC44	Time: 9-10
Course Title	: Computer Applications in Business II	Max Marks: 30

	: II BBA : Code : 17UBAC44 : Title : Computer Applications in Business II	Date: 8.2.19 Time: 9-10 Max Marks : 30
	Section A	$[6 \times 1 = 6]$
1)	[Answer ALL the questions] Power point is a collection of	
-/	a) Slides and Handout. B)Speaker Notes. C) Outlines.	D)All of the above.
2)	2. After choosing a predefined template, which option has	
	background color?	•
	a) Design Template. B) Color scheme. c) Animation sch	neme. D) Color Effects.
3)	3. Which key do you press to check spelling?	
	a) F3. b) F5.c) F7. d)F9.	
4) _	is a component of database such as a table,	query, form and macro?
	a) Record. B) Object. C) Table. D)None of these.	
5). ′	The columns in a Microsoft access table are also called	
	a) Rows. B) Records. C) Fields. D) Columns.	
6) _	key uniquely identifies each record in MS-acc	ess.
	a) Primary key b)Key record. C)Unique key.d)Field na	ne.
	Section B	$[2 \times 7 = 14]$
· \ T	[Answer ALL the questions]	
	What are the type of views available in Powerpoint pre How to insert clip art and Pictures in your slide?	sentation? [OR]
0, 1	2011 00 1110 0110 0110 0110 0110000 1111 y 0012 011000	
	ow to create forms using form wizard in MS-Access? ow to create report using report wizard in MS-Access.	
	Section C	$[1 \times 10 = 10]$
	[Answer ANY ONE question]	[,,]

- 9. a) Explain the following: i) How to enhancing your presentation?
 - ii) How to insert chart in your presentation?
- 10. Explain in detail how to create tables in MS-Access?



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 BBA **Date:** 8.2.19 **Course Code** : 17UBAC44 Time: 9-10 **Course Title** Mov Morkey 20

Course Title	. Computer Applications in business if	Max Marks: 50
	Section A	$[6 \times 1 = 6]$
4.5	[Answer ALL the questions]	
	r point is a collection of	
	Slides and Handout. B)Speaker Notes. C) Outlines. D)A	
	choosing a predefined template, which option has to be	change the
•	und color?	
	Design Template. B) Color scheme. c) Animation schem	e. D) Color Effects.
3. Which	h key do you press to check spelling?	
a)I	F3. b) F5.c) F7. d)F9.	
4	is a component of database such as a table,	query, form and
mad	ero?	
a)I	Record. B) Object. C) Table. D)None of these.	
5. The	e columns in a Microsoft access table are also called	
a)I	Rows. B) Records. C) Fields. D) Columns.	
6	key uniquely identifies each record in MS-ac	cess.
a)I	Primary key b)Key record. C)Unique key.d)Field name.	
	Section B	$[2 \times 7 = 14]$
	[Answer ALL the questions]	
7. a) What are	the type of views available in Powerpoint presenta	tion? [OR]
b) How to in	nsert clip art and Pictures in your slide?	
8. a) How to cr	eate forms using form wizard in MS-Access?	.[OR]
b) How to cr	eate report using report wizard in MS-Access.	
	Section C	$[1 \times 10 = 10]$
	[Answer ANY ONE question]	
9. a) Explain	the following: i)How to enhancing your presentatio	n?

ii) How to insert chart in your presentation?

10. Explain in detail how to create tables in MS-Access?

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Reg. No:				



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.

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: 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	•	
	Ů.			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			Tarks: 30
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 fevers 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	

	Reg. No:	
(Affiliated to Madur		rsity)
	AAC with 'B' Grad STER [2018-19]	le)
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]

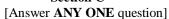
- 9. Discuss the techniques of Cost Benefit Evaluation in detail.
- 10. Explain the techniques for estimating Effort.

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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 Class 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							
2 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 opportu	,							
contribute to decisions	sinty for each team member to							
	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.	,	, E			
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 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		$[1 \times 10 = 10]$			



9. Explain Quality and Productivity Factors of a Software Product

10. Explain about any TWO cost estimation Techniques

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		urai Kamaraj Un NAAC with 'B' G	
(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?

Dog No.			 	
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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 a central fact table and a set of surrounding dimension 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				

1 7 B	C
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INTERNAL ASSESSMENT TEST - II

	: I BCA A&B. de : 17UCAC21 de Paper : OOPS WITH CPP	Date :11.04.19 Time : 9-10am Max Marks : 30
	Section A	$[6 \times 1 = 6]$
	[Answer ALL the question	
1.	A member inherited in the private r	node derivation, becomes private in
	he derived class.	
	a) Public b) private c) class	
2.	Operator also called the class m	
	a) Dot b) function call d) comma	d) pointer
3.	In the following which one is unary operator wh	
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
4.	When a protected member is inherited in	mode, it become protected in
	he derived class.	David and
	a) Protected b) auto c) public	
5.	The operator is normally used to	access and modify a specific
	elements in an array.	
6.	a) <> b) { } c) [] d) () A(n) function is a member function	that is dealared within a base aloss
	and redefined by a derived class.	that is declared within a base class
	•	d) recursion
а	a) Inline b) virtual c) friend	d) recursion
	Section B	$[2 \times 7 = 14]$
	[Answer ALL the questions]	[2]
7. a)	Explain about virtual function in c++ with an e	example [OR]
b.	Explain about Multilevel Inheritance with an experimental experimental experiments and the second experimental experiments and the second experimental experiments and the second experiments are second experiments.	-
~*		
8. a)	Explain about Function Overloading using frien	nd function [OR]
b)	Discuss about Basic Stream Class	
	Section C	$[1 \times 10 = 10]$
	[Answer ANY ONE question]	[1,1,10,10]
9.	Explain with a c++ program for unary and bin	ary operator overloading
10	Explain about built in manipulators with examp	

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INTERNAL ASSESSMENT TEST - II

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

11110 01	the ruper .	oors willings	TVIAN TVIANTS . DO
		Section A	$[6 \times 1 = 6]$
		[Answer ALL the questions]	
7.	A	member inherited in the private mode	derivation, becomes private i
	the derived c		-
	b)Public	b) private c) class d) pr	otected
8.		Operator also called the class membe	
		b) function call d) comma	
9.		owing which one is unary operator while ov	
	b) ()	b) [] c) \rightarrow d) ,(comma	
10.	When a pro	otected member is inherited in m	
	the derived c		1
		b) auto c) public d)	private
11.		operator is normally used to acce	
	elements in a		<i>y</i> r
		b) { } c) [] d) ()	
12.		function is a member function that is	s declared within a base class
		l by a derived class.	
		b) virtual c) friend d) re	ecursion
	0)1111110	c) (Intalia)	
		Section B	$[2 \times 7 = 14]$
		[Answer ALL the questions]	
7. a	a) Explain ab	pout virtual function in c++ with an examp	le [OR]
		out Multilevel Inheritance with an example	
		rr	-
8. a	a) Explain ab	out Function Overloading using friend fun	ection [OR]
b)		out Basic Stream Class	
<i>'</i>	,		
		Section C	$[1 \times 10 = 10]$
		[Answer ANY ONE question]	-
		1 2	
9.	Explain wi	th a c++ program for unary and binary of	perator overloading
10.		out built in manipulators with example	

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G.T.N.ARTS COLLE (Affiliated to Madurai Kan		
(Accredited by NAAC w		
EVEN SEMESTER	[2018-19]	
INTERNAL ASSESSME		
Class : I BCA (A&B) Paper Code : 17UCAS21		Date: 11.04.19 Time: 10.30-11.30 am
Fitle of the Paper : Computer Architecture & Lo		Max Marks: 30
Company of the compan	810 20 001811	
Section A		
Answer ALL the Questions		6X1=6
1 are memories that use flip flop storage for the		ory
, , , , , , , , , , , , , , , , , , , ,	SROM	
2. A basic module used in arithmetic element is the_		
	a and b d) non	e
3. All buses can be divided into major section a) 4 b) 2 c) 5 d) 3	18	
4. The arithmetic logic unit and control unit are gener	rolly placed togo	than and called the
a) interface b) central processing unit c) main	• •	d) display
5. The control lines are called	memory	d) display
a) interrupt line b) optical line	c) electric line	d) small line
6. The number of the selected device is placed on add	<i>'</i>	2)
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
7. a) Design and explain the full adder.		
(Or)		
b) Give a short note on ROM.		
8. a) Explain the types of multiplexers.		
(Or)		
b) Brief account on interfacing printer.		
Section C		
Answer ANV one of the following		1 V 10-10

	Answer Al	NY one of the following	1X10=
^ T	••	CCD 13.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

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

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EVEN SEMESTER [2018-19]

INTERNAL ASSESSMENT TEST - II

Class : **I BCA (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

	50	ection A			
Answer A	ALL the Quest	ions			6X1=6
1 are memori	es that use flip	flop storage f	or the bits in t	he memo	ry
a) RAM b) SRAM	c) ROM	d) SROM		
2. A basic module	used in arithme	etic element i	s the		
a) Half adder	b) full a	adder c)	both a and b	d) none	:
3. All buses can be	divided into	major s	sections		
a) 4 b	c) 2 c) 5	d) 3			
4. The arithmetic lo	ogic unit and co	ntrol unit are	generally pla	ced togetl	ner and called the
a) interface b) central proces	sing unit c	main memor	y	d) display
5. The control line	s are called				
a) interrupt lir	ne b) optica	al line	c) elect	ric line	d) small line
6. The number of the	he selected devi	ce is placed	on address line	es	
a) A7 to A0	b) A0 to A7	c) A1 to A	d) A0	to A6	
		Castian D			

Section B

Answer ALL the following questions

2X7=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)

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.

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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.

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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							
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 Normal Form and Fifth Normal Form with 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							
a) Some	a) Some b)Any c)Union d)All 3. Triggering event should be defined to occur for each modified record is						
a)Recursive Trigger b) Statement Level Trigger c)Row level Trigger d)Column Level Trigger							
4.The property e							
a)closure Depende				mal Dependency			
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 .			
Section B Answer ALL the following questions 7. a) Explain about 'Group By' and 'Having' Clauses. (Or)							
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>	$[1 \times 10 = 10]$					
	[Answer Al	NY ONE question]	-				
9.	Explain about the Life Cy						
	10. Explain about Multithreading in detail						

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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

	Reg.No:	
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	EVEN SEMESTER [
	INTERNAL ASSESSMEN	
Class	: II BCA (A&B) : 17UCAS41	Date: 12.04.19
Course Code Title of the Paper		Time: 10.30-11.30 am t Max Marks: 30
Title of the Paper	. Software Project Managemen	t Ivida ividi ks. 30
	Section A	
	r ALL the Questions	6X1=6
	ried out to calculate the earliest dates of	on which each activity may be started
and completed.	ard pass b) Backward pass c) WB	S d)Gantt chart
	PERT, te =	S d)Gantt chart
	n-b)/6 b) (a+4m*b)/6 c) (a+4	4 h. \
a)(a+41	11-0)/6 b) (a+4111 b)/6 c) (a+4	#M+DJ/60) (a+4M-D) · 6
3) In slip chart, n	more the slip line bends, the variation	from the plan is .
	er b) lesser c) equal d)zero	
	light method, the second level elemen	ts on the scale green
indicates		
		able c)on target d) not on target and
recoverable with 5) Some one cor		e others recognizing it as being correct
	group tasks	outers recognizing it as being correct
	tive b) Compensatory c)Disjunctive	d) Conjuctive
	structure, any member is free to discus	
a)Demo	ocratic b)chief programmer c)mixed	control d) hybrid
	Section B	
Answer	ALL the following questions	2X7=14
	forward pass in calculating the earlies	
(Or)		·
	e two approaches in the identification	of risks.
	Cost Monitoring . (Or)	
b) How can we	e select the right person for the job. Section C	
Answer	ANY one of the following	1X10=10
	ail about Critical Path Method.	
10. Explain the c	concept of visualizing the progress of t	he project.

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G.T.N.ARTS COLLEGE (Au	itonomous)
(Affiliated to Madurai Kamaraj U	
(Accredited by NAAC with 'B'	
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 Warks: 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.	
	antt 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) Confolinteam 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 by other member
Section B	
Answer ALL the following questions	2X7=14
7. a) Explain the forward pass in calculating the earliest dates of	n 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	ct.

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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Class	: III BCA A & B	Date :10.4.19	Class	: III BCA A & B		Date
Paper Code	: SCAGC62	Time: 10.30-11.30	Paper Code	: SCAGC62		Time
Title of the Paper	: SOFTWARE ENGINEERING	Max Marks : 30	Title of the Pa	per : SOFTWARE ENGINEERI	NG	Max I
	Section A [Answer ALL the question	$[6 \times 1 = 6]$		Section A [Answer ALL the		
	data flow diagram specifies processing act	ivities.		of a data flow diagram specifies proce	ssing activ	vities.
a) Nodes		Arcs	a) Node		,	Arcs
c) Graph	· · · · · · · · · · · · · · · · · · ·	Tree	c) Grapl		,	Tree
_	process of isolating and correcting the cause			s a process of isolating and correcting	-	
a) Testing	•	Debugging	a) Testin	\mathcal{E}		Debugging
c) Coding	· · · · · · · · · · · · · · · · · · ·	SQA	c) Codii	•	,	SQA
-	ing, one module relies on the internal wor	•		oupling, one module relies on the inte		•
a) Conten			/	ontent	b)	Control
c) Stamp			/	amp	d)	
	equirements specification is based on			re requirements specification is based		
	definition b)		_	stem definition	b)	Users manual
c) Project	•	- · · · · · ·		oject plan	d)	0
5. The	oard reviews and approves all change red	luests.	5. The	board reviews and approves all ch	nange reat	iesis.

c) Configuration Management

9. Explain any THREE Design techniques 10. Describe about the System Testing.

7. a) Explain the concept of Coupling and Cohesion [OR] b Explain briefly about Fundamental design concepts. 8. a) Write short notes on walkthroughs and Inspections [**OR**] b) Explain about Managerial aspects of Software Maintenance

software product. a) SQA

Section 11	[ONI O]	Section 11	[ONI O]
[Answer ALL the questions]			L the questions]
_ of a data flow diagram specifies processing activities.		1 of a data flow diagram specifies	processing activities.
odes	b) Arcs	a) Nodes	b) Arcs
raph	d) Tree	c) Graph	d) Tree
_ is a process of isolating and correcting	ng the cause of known errors.	2 is a process of isolating and corr	ecting the cause of known errors.
esting	b) Debugging	a) Testing	b) Debugging
oding	d) SQA	c) Coding	d) SQA
coupling, one module relies on the in	ternal working of another module.	3. In coupling, one module relies on th	e internal working of another module.
Content	b) Control	a) Content	b) Control
Stamp	d) External	c) Stamp	d) External
ware requirements specification is base	ed on	4. The software requirements specification is	based on
System definition	b) Users manual	a) System definition	b) Users manual
Project plan	d) Design	c) Project plan	d) Design
board reviews and approves all	change requests.	5. The board reviews and approves	all change requests.
Change control	b) Review control	a) Change control	b) Review control
Control review	d) Review change	c) Control review	d) Review change
is concerted with tracking and contro	lling of the work products that constitute a	6 is concerted with tracking and controlling of the work products that co	
roduct.		software product.	
QA	b) Verification	a) SQA	b) Verification
onfiguration Management	d) Metrics	c) Configuration Management	d) Metrics
Section B	$[2 \times 7 = 14]$	Section B	$[2 \times 7 = 14]$
[Answer ALL the q	uestions]	[Answer ALL the	ne questions]
ain the concept of Coupling and Cohes	sion [OR]	7. a) Explain the concept of Coupling and C	ohesion [OR]
in briefly about Fundamental design co		b) Explain briefly about Fundamental desi	gn concepts
e short notes on walkthroughs and Insp	ections [OR]	8. a) Write short notes on walkthroughs and I	Inspections [OR]
ain about Managerial aspects of Softwa	are Maintenance	b) Explain about Managerial aspects of So	ftware Maintenance
Section C	$[1 \times 10 = 10]$		C [1 10 10]
[Answer ANY ONE		Section	
any THREE Design techniques	question	[Answer ANY O	NE question]
be about the System Testing.		9. Explain any THREE Design techniques	
oc about the System Testing.		10. Describe about the System Testing.	

Date: 10.4.19

Max Marks: 30

Time: 10.30-11.30

 $[6 \times 1 - 6]$

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	AAC with 'B' Grac					
	ESTER [2018-19]					
	ESSMENT 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				
g						
Section A		(V1 (
Answer ALL the Questions 1 is a technique to make	an avarfittad dagician trac	6X1=6				
		•				
A. Naïve Bayes B. Pruning C.		•				
2 link is used to measure t	ne maximum pairwise dist	ance between two				
clusters.						
A. Single B. Complete C. Centroio	d D. Average					
3. Which of the following probabilities are	used in the Naïve Bayes m	ethods?				
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 classif	ication software?					
A. SMILES B. MANTAS	C. CLUTO	D. NET TRACKER				
5 is the data sent by a web	server to a client, to be st	ored locally by the				
client and sent back to the server on subseq		•				
A. DNS B. Cookie	•	ent/Server				
6. Which of the application program that ca	•	graph traversal?				
		Indexer				
Section	В					
American ATT the fellowing concer		2X7=14				
Answer ALL the following quest 7. a) Explain the guidelines for OLAP impl		2A/=14				
(Or)	incitation:					
b) Write a note on density based method						
8. a) Explain the divisive hierarchical method						
(Or)						
b) Describe the search engine functionali	ties?					
Section	ı C					

Answer ANY one of the following

10. Explain the naïve bayes method for classification?

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

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ODD EVEN SEMESTER [2018-	
INTERNAL ASSESSMENT TEST	
Class : III BCA (A&B) Paper Code : SCAGA61	Date: 11.04.19 Time: 12-1 pm
Title of the Paper : Data Mining	Max Marks: 30
The of the Laper . Data Mining	IVIAA IVIAIRS. 30
Section A	
Answer ALL the Questions	6X1=6
1is a technique to make an overfitted decision to	ree simpler.
A. Naïve Bayes B. Pruning C. Classification D. Over	fitting
2 link is used to measure the maximum pairwise of	distance between two
clusters.	
A. Single B. Complete C. Centroid D. Average	
3. Which of the following probabilities are used in the Naïve Baye	s 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 classification software?	
A. SMILES B. MANTAS C. CLUTO	D. NET TRACKER
5 is the data sent by a web server to a client, to be	e stored locally by the
client and sent back to the server on subsequent request.	
A. DNS B. Cookie C. Proxy D. C	Client/Server
6. 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
7. a) Explain the guidelines for OLAP implementation?	
(Or)	

Answer ALL the fo

- b) Write a note on density based method.
- 8. a) Explain the divisive hierarchical methods?

1X10=10

(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?