			Reg. N	0.															
			B.Tech	. DEC	GRE	E E	XAN 8 th S	IINA' emest	TI	ON	, M	ΑY	201	9		u.		è	
Blotos		(For the	5SE202 – candidates	admiti	ted d	uring	the a	cadem	iic	year	20.	15-20	016 t	o 20.	17-20				
(i)	over to hall invigilator at the end of 45 th minute.										anded								
Time: T	hree H	Iours													N	Max.	Mar	ks:	100
		¥		PA				1 = 2 Que			rks)								
1.			e is set of					, ,	С	onfi	gur	atio	n of	data			tation	n	and
	(C)	Softwar docume data	e is sontation ar	et o	f nfigi	prog urati	rams on o	, (D)	S	Softv	vare	e is a	ı set	of p	roce	sses			
2.	(A)	Relative Rapid A	for e Applicat Application	ion D n Doc	evel ume	opm nt	ent	(B) (D)							evel elive	opme	ent		
3.	(A)	Increme	re develor ental deve developme	lopme	is ba	ased	on	(B) (D)]	Itera Both	tive inc	dev erem	elop enta	mer al an	nt d ite	rativo	e dev	/eloj	pment
4	. Whi	ich of the	following	g activ	vities	sof	a gen	eric pi	ro	cess	fra	new	ork	prov	ides	a fe	edba	ck r	eport?
	(A) (C)	Commi Modeli	unication ng and co	nstruc	tion			, ,		Plan Dep		-	t						
5		Elicita		owing	is no	ot a	step o	of requirements (B))	Des Doc	ıgn			ng?				ď,	
-	(A)	D stands Quality Quality	for y Functior y Functior	n Desi	gn loyn	nent		(B))	Qua Qua	ality ality	Fur Fur	nctio	n Don D	evelo efini	opme tion	ent		
•	7. Wh	nich is or Entry	e of the m	ost in				(B)	MIC	aale	lev	er st	ng? akeh ftwa	olde re	r			
×	(C) 8. WI (A) (C)	hich of th	ne followi			diag	gram	studie (B	ed B)	in re Ent	equi tity	reme	ent a	maly ship		ram			

		by step instruction used to solve a pro		
		- 1	\ /	A list
	(C) .	A plan	(D)	An algorithm
		designs and implement database struct		
			. ,	Project managers
	(C)	Technical writers	(D)	Database administrators
		orimary objective ofis to dois to do	evelo	p a modular program structure and represent
	(A)	Architectural design	(B)	Object oriented design
		Function oriented design	(D)	Interface design
12.		advantages of the are ob		are loosely coupled, the implementation of
		Architectural model		Object oriented model
		Function oriented model		Domain specific model
13	Whic	ch of the following term describes testing	ng?	
15.		Finding broken code	_	Evaluating deliverable to find errors
	, ,	A stage of all projects	` /	Finding faults with the stakeholders
				The state of the s
14.		testing in which code is checked		The state of the s
	(A)	Black box testing	. ,	White box testing
	(C)	Red box testing	(D)	Green box testing
15.	Soft	ware mistakes during coding are known	n as	
	(A)	Errors	(B)	Failures
	(C)	Bugs	(D)	Defects
16.	Wha	at is testing process's first goal?		
		Bug prevention	(B)	Testing
		Execution		Analyzer
17	DDD	t stands for		
17.		Business Process Re-engineering	(B)	Business Product Re-engineering
		Business Process Requirements		Business Product Release
	(C)	Business Process Requirements	(D)	Business i Toddet Refease
18.		en does one decides to re-engineer a pro		
	(A)	When tools to support restructuring	(B)	When system crashes frequently
	((())	are disabled	(D)	Subsystems of a larger system require few
	(C)	becomes obsolete	(D)	maintenance
10	rard .	and of automa ancingaring is an activi	itu oo	tle.l
19.		core of reverse engineering is an activity Restructure code	(R)	Directionality
				Interactivity
	(C)	Extract abstractions	(Δ)	III III III III III III III III III II
20.	. For	ward engineering is also known as		
	(A)	Extract abstractions		Renovation
	(C)	Reclamation	(D)	Both renovation and reclamation
				00) TO 011 FOF 200

$PART - B (5 \times 4 = 20 Marks)$ Answer ANY FIVE Questions

- 21. Define software process.
- 22. List the tasks regions in the spiral model.
- 23. What is requirement engineering? Write the ways to elicit requirements.
- 24. Specify the benefits of prototyping.
- 25. Write about coupling. Mention the types of coupling.
- 26. Write short note on block box testing.
- 27. Define reverse engineering and reengineering.

 $PART - C (5 \times 12 = 60 Marks)$ Answer ALL Questions

28. a. Analyse the software development process followed in Water fall model and spiral model. Mention the best parties followed in each model. Give the advantages and disadvantages of the both.

(OR)

- b. Write about
 - (i)
 - Adaptive Software Development (ASD)
- 29. a. What is requirement engineering? State its process and explain requirements elicitation problem.

(OR)

- b. List down and explain in detail about all modeling techniques in software requirements.
- 30. a. Explain the fundamental software design concepts in detail.

- b. With a neat sketch, explain in detail the user interface design process.
- 31. a. Elaborate the testing objectives and its principles.

(OR)

b.i. Discuss the differences between black box and white box testing.

(8 Marks)

ii. Explain boundary value analysis.

(4 Marks)

32. a. With a neat sketch, discuss the software receiping process model and the software reengineering activities.

(OR)

b. Analyze the various soft trends in software engineering.

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