	P. No:
	Agile Variants
	starend-table offices
_	Extreme programming:
0	get a toesk; get it doone -> come of the best
	Rapid feedback ->
	Assume simplicity -> Assume it's insamely easy
_	Incoremental change embracing change -> Don't work against the change embrace it.
_	
_	Scorum :-
	How extrem EP & Waterfall → Schoobeer & Beedle
	Pariositize the paroduct backlog.
-	Sparint backlag is a post of it.
-	Special -> 2 cuceks to 30 days (shooten is better)
	Don't change the sieg dissing 24 h meet.

Date:	
P. No:	

Spaint backlag Spaint backlag	-	
Spaint backlag Spaint backlag		The team
Time-bored activity -> Dio charge within the aprint-> Product backlag Subdivided in ordered Spaint backlag Taken forcem product backlag Shaint prom product backlag Shaint planning -> Daily scrima - Spaint orenico - Spaint related		Scrum master - Removes of Arradblanks (not conting Scrum team > Directely skilled but planner Peraduct aconson - Can communicate with the cur
Do change within the aprint -> Paraduct backlang Subdivided in orderard Spaint backlang Taken forcem paraduct backlang Shum meetings Spaint planning -> Doily somma Spaint oceland		The sparint
Sprint backbag Taken Janam paraduct backbag Shown meetings Sporint planning -> Daily somma - Sporing are niew - Skruit report		Time-boxed activity -> No change within the aprint->
Savon meetings Spaint planning -> Daily sound - Spaint seemed - Spaint seemed		Paroduct bocklog Subdivided in Aclement
Shum meetings Shum meetings Shum blanning -> Daily sound - Spaint seemed. Should seemed		Spaint backbag.
Daily 802ma Spanier areniero. Skant areland		
	,	0

	Date: P. No:
,	Chen Souvire Software Dev.
9	The Mallowern Dars.
*	Usenet - finst social network
*	A7&T -> Intellectual Property Rights
	The first Era (1960s to 1980s) free
	The second ena - GPL (modifications must be free even upon small
	Usage of open source GPL)
	The Third exa - Cooperation b/w open sawre.
	Debian Gendelines' NIT License; Beakely (BSD).
	GNU GTL -> Myst redistribute freely
	Pscoblens - Monetization:
	Redhat (LINUX distocibutor) -> Suppost
	but first version free
	Mysal Asied the same (didn't work out)
	GNU'S NOT UNIX

	Date: P. No:
	Sponsonship:- Didn't work
	Sans -> Software as a Service (C.J. Joagle de Cads) -> Soured open-source
c/ *	Redsstoubatable (Improvitaire)
	Open-source = Agile
	Open source. Soule -> TRM.
	NIH Syndoname
	How close it die ->
	Fogiking Broject
	Browns Province
	e.J. Netscape Navigator -> Charama

		Date: P. No:
-	8	Leader i Nad interieted / cinline args.
1		Lack of updates: Outlines its utility
	3.	e.g> ERP Or the cloud (pay when you need)
		- nouse Exp> . your can't.
		ORACLE Offers ERPon Smad.
1		Parablems with incremental development:
t		
		Po asi
1		(Mointenance)
1		Staucture-> needs high quality
/		Jafferane - Most be modular
1		Modulage -> high cahesian low coupling
1		somilar J' rodose tagether
1		(cohesian) rminimal (coupling
-		Change is one module shouldn't enpuisse

the catheris-

Date: P. No:
With more changes, coupling 1, cohesion V. (a) in (xenerals)
3
Rejactosing
Set of rules to gain simplification, quality & mon
Find ned flags and do what wranks out the best
Bod smell
Movigate thorough the stoucture, find b.s. and :
÷

	Date: P. No:
	Software Testing
2 7	Software Testing is a regaline activity.
	Tory hand to find enough.
	No corrage -, had testing.
	Teshing is done by thisd-pasty (other than days).
	Usually blind
	Review & inspection > Informal phase (usually in agually in aguall
	Commercial ens. step. Moste Joshist mercos (eg. casas)
	Test cases -> Reparentatives for i/p domains are tell con (cont test for entire input).
	Test-care (VP)
	> Software
	O/b (If O/b is roomerect) Then software works
	peroporty for that PARTICULAR rase)
1	Charle 1-a copal's cogned > ORACLE

	Date: P. No:
	ORACLE -> Can be a client , and a complex mechanism
	and a complete site charge
(3).	Unit Testing Component (Integration) Testing System Testing
	Unit Testing - Done by dove development. A conit can be single from alors. Dones - Unit Testing
	Driver -> Simulates the f' of mais function and calle the module (does not)
	Stubs -> Fr that calls other fr. (Simulates). Checks if a fris calling athere consecting
	Compare results with ORACLE.
	Derive 91 Derive 91 Derive 91

Date:	
P. No:	

Component (Integration) Testing -> Gonnect incremen-
 Test rouse
[United]: Also done by devs.
 TUN12
 ↓
Off against ascable
Dabugging - While testing discourage extraoses.
 - Geprediet is took rectiffied your
System Testing is Grove beyond the coole. Integrate with the final system and test.
Also done by devs.
T 4
Saftware is delivered after these there tests
 Saftware is delivered after those those tests and Joes from Josephan testing by 3rd-party.
SLA -> Service Level Agreement.
 e.g. agreed accorded -> 95%
Dicall accordacy -> 32%

P. No: (Manual Testing) Create a doc. Los Everd sid. inhat Jon sieg. Test cover from each req.
Company with ORACLE ORACLE -> round be person or dient. -> Must match with SRS A good test care is the cone that linds the exercise -> Testing may an may not tell parecisely where the evenous are, albeit their more privince guality. Toco high accusacy may be the Jo

pacers test cases & vice versa. Fasimal testing - Third-pasty Grenegiation of text cases -> To crecinal that it's not automated yet

11-1	Date:
3	P. No:
	Methods?
	0 1 0 0
/	"ateriory position (e.g. addition - 1R, 1R, O, etc.)
2	every categ. has few expensementative e test cases.
_	test cases.
3	Boundary value malysis (DE [0,99] -> pick 0 09 99)
	Mulation testing (interoduce moise/faulty code
(-)	Mulation lesting (interoduce moise faulty code Jacquents and see y test
	- rases by their ability to
	detect nooise. Keep siefining
	test cases.)
	The second secon
	Pesticide poordloc :-
	be been set at be considered.
	Even the best test cases need to be capgaraded from their steep uneauthing bugs after several
_	From they steep wheasithing buys
_	3 x x x x x x x x x x x x x x x x x x x
_	
_	Black-box vs white-box testing =
_	1 1 -> While-box testing -> deliberately-
	Diede test-cases that cover
	Dieate test-cases that covery Jew on several components.
\	
	-> Difficult
-	
	-> Used in critical software.

Date:	
P. No:	

	WB testing -
(;)	Statement-coverage: Covers every statement
[ij)	
(c.)	Control-coverage: Loops,
	conditionals
	de baranches. Check every part of control statement. (possibility)
2.9	(001) X 80 01 (X) [[
	check for everything 10-100 Stellement
	canonade
	A c
()O	(Design test coses around the internal starce.
	Resource extensive).
	Acceptance Testing
	t 1) - C.
	Thisid-party confisions-
P	siequisiements cof client
	contrad bareterd.
	Divided into: alpha de bela testing
	alpho-testing -> At the site of dev. by 3rd posity
	Castomers with min invalignment
	of devs. Independendent of priev. test. Decision by
	of devs. Independendent of prev. test. Decision by 321d party (block as white box. etc.)
	neede den

	Date: P. No:
	beto-testing -> Open to selected on entire rustomen bose.
	gmail-x 2003 -> could only join through e invite of could invite bugs.
	Requession Testing Test the app for every change (e.g. new feature). Follows the process as usual, equally thorough.
_	T. J. Check
	Load & Stores Testing -> lest cases Checked if software can handle the load (no. of users, amount of data, etc.) in case of load testing stores testing goes beyond the expected limit. Finds Bereaking point.
	When do you stop testing? Stop it when you've had enough, in terms of time/satisfaction/managere's budget.
	> Ou when no of bugs become min.

	Date: P. No:
	final Assessment ->
	2 min> Motivation (- Indude changes in scope
	6 mig Demo
	2 min -> Contailbation of each person
<i>J</i>	Maintenance
<i>→</i>	Lacis thoughout the software life-cycle.
	Differe Jose : (1) Generic 8/00 (3) Customized 8/00 (3) Brownfield 8/00
(b)	Generic - Developera one sies four maintenance. Discourer bugs based on separals , identify general problem, periose tire issue & send patches (apdates). (Perfective maintenance)
<u> </u>	Customized > Often by third-party, with some input from devs. Reactionary & unplanned a unlike scheduled maint in generic star (granned) maintenance).
<u>(3)</u> .	Brownfield -> for logacy systems Usually invalves adapting to the existing system. (adoptive maintenance).

	Date: P. No:
	4-types of maintenance ->
·	adaptive
3	byeventive
0	poserentive
	considering a sail and fise.
>	
	perfective - enhance, add new features. Usually continuous, maybe competitie
0 -)	adaptive -> chonge when existing base changes
	Ox a new software brought as Jeatrois to
-	,
	pereventive -> keeps improving the etauchine , not seoctionary to exercise , but anticipatee future degradation in quality.
	adaptive > corrective low quality bacrestia
	ad-hac Isod Dand-aids 10

Date: P. No: Challenges in maintenance :--> 8tructural degradation -) quality of team & is cost and time (amonticipated cost) Thrse challenger lead to "maintenance" us "seplace" (throw away the ald saftrage, get new one); emen! The structure becomes unacceptably bad, end it. Competitive env., new technology. business XKREBIL value 1 X barrentive ma Swap quolity