Extending the previous software to add now functionality organisms more cost in toning of time to develop and effects taken by people, as composed to perocess of claveloping new software to perocess of claveloping new software to 2. Descente the main characteristics of different process models used in software claveloppoil Waterfall model: Sequential and linear appersonch . Each phase must be completed before moising to the next one.

Chopse and stouchered, suitable for revojects, with well-defined requirements, minimal changes and stable scope.

*V-model: Popullal development and testing appenach Each development phase is followed by a consumptionaling testing phase.

Limited adoptibility to changing evenueuments
potential for miscommunication between develapment and testing phases. * Incommental model - Similar to iterative models, but the softwage is built in incomments, each delivering specific functionalily

Requieres caereful planning to define intergeration challenger 3. How does the capability maturity model contembrite to imparing software development revocess? The CMM models application in software development has sometimes been peroblematic applying multiple models that are not integrated within and across an organisation could be costly in thorning appearable and improvement activities. CMMI feranework consists of a collection of computer perogramme based on knowledge engenering, software engenering, intolerated peroduct and perocess development and perovides sourcing. CMM/ feramowork has there geneups: CMMI for development. 2 CMM) for source. CMMI Jose aquisation. 4 Explain the differences between:

FR CONCEICAO RODRIGORACA Evolutionary recocess model Parspective perocess model Stages consist of growing inclements of Developed to an operational software being seiden and stoucture to the peroduct with software development evalution Imperovement is evapured pergross. It can accompdate in the peroduct. changing moquerements It is less popular. It is more popular eg: Spinal and Waterfall model perototyping model and incoment models as well as RAD are a few examples of model prespective process model ond agile methodologies in tours of perged planning and reaguess tracking.

	Water	R CONCLICAO RODRIGUES COLLEGE OF ENGINEERING
	It is the day of	the approach usual
	cycle model called as	perocess.
	Agile softwage de la	
	intercach to softween	ment desceibes an development uncleas
	thorough the collabour and second	solutions evolve
	The teem continuers	
		popularised in this
6	Justily the redevace	A A
	companision for softwa	y of the following
	—	
-		

Features	models	Incumental	Parototyping models Not well
specification	understood Well understood	Not well	Mot well
disquesiements of visibility of visibility		Ves	Mes
Risk	Only at the beginning	No	Wo
Uses	Only at the beginning	Intermediate	High
Floridality	Rigid	Less	No
control			