-> Natural Long are the Long used by living
Coneatures to communicate 1. NLP:

> Capability to understand N L is very imp intelligent behavior

why NLP parocessing.

-> huge and of Data + internet:

-> Application perocessing for large and of text.

tent into Categories inder 2 search large tout duto. foranslation.

gresances: Ques-Answering. Autoric Sumerization.

soll need NLP expertise

Info detaieval

Paragnatics 2 discourse andyris.

(1834 36480 pains 1831 330)

Info ontraction - NIP:

Machine translation ≥ Syntax 2 Somantic Analysis.

Levels of NLP Morphology: > Analysis of individual work consist of mosphones. -> Smallest grammatical unit. -> Defermination of tense (ed, ing) Syntax:> concerned with scules > legal formulation of Sentences to check structures Semantic's this phase, meaning checking is cousied. > meaning conveyed is analysed. Discourse integration.

3 the meaning of the current sentence is independent on the one that is posion to it. -> identification of discourse staucture. lagmatics: > Mapping for wat the user has interpreted from the Conveyed part 2 wat is a equally expected. how long will you complete? Due is has, not your. Brosody: Shalysis phare handles shythm.

Difficult phase in poetary 2 slokas.

Phonology.

Diff Kind of Sounds are combined

eg: spench recognition.

stock of identifying whether Application: Sentiment Winalysie the opinion experses and in a text text whatysis, computational linguistics biometrics.

-> Machine Isranslation

-> Automation

-> Mutomation

-> Mutomation

2. with a neat sketch explain the aschitecture Characteristics features 2 9101es of expert sye.

Sapert 848.

is a comp sy that takes Decision like

that of humans

and Rules.

Asichi of expert 348: It uses Rules. (fazzylogic)

> knowledge Baso: Stores delevant info. (if then)

Dinference Engine: Sok info 2 allationshipe from the knowledge base 2 parouides aus. Backward & forward checking

> Explanation facility: -> Doe to find diagnosis of dispass > how to again at Centain Conclusion.

> Knowledge acquisition facility.

Parouide Officient means of Capturing 2 Storing Knowledge Baso.

user - Interface. Specialized users I s/w employed for Designing, Creating supdating > to make the Development User Interface) Snooded Knowledge Working Storage. chars of expert 848. Sper monen officion Solution => Solve Complex barops Successful form of AI -> distailante the empertise of human.

Roles of on pentiso sys:	
> Designing 2 Hampackeing Domo	in.
In Knowledge cloudin	
-> In altagnois 2 totableshooting	of Devices.
> Planning 2 Scheduling.	3 1999
8. Emplain abt Information Extunction	2 Machine
translation.	
-> In IE. template Matching is Coussie	dout.
> Could make enteries in ols	4
-> Aloready there is pare-defined fi	sed formals
Where the text entries are carre	
> Basically Itunethured Data to	Structured Dat
> It info ontoacted from templates	
5 Info sethival gode info as doc	
IE gets info from the doc.	
Enstameted Bemistand) 8	Dada ,

Modules of IE: tokenises) > poes word gopasaton (Machine towardation) Levical 2 Mosphological J speech tagging is along Paut of Speech 2 Parsing word tagging is Domain Analysis Merging the postial siesulls