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-	
Q_1-	Explain PEAS descriptor for WUMPUS
$\rightarrow$	i) performance measure:
	- +100 for grabbing god & comming
	back to start
	200 if player is killed
	1 per action
-	10 for using amow
-	
*	ii) Environent
	- Empty rooms
	- Room with wumpus
	- Room neighbouring to wompus which are
	surells.
	- Rooms with gold which is ghiteny.
	- Amow to shoot wompus
	:ii) sensor (assuming Robotic agent) - camera to get the view
	- camera to get the view
1	- adoun to man to small
1 1	- Audio sensor de listen de sereen bump
, , le , , , , , , , , , , , , , , , , , , ,	
1.	in Erector (assuming robotic agent)
* x	
	- Motor to more left right
	- Motor to more left right - Robot machanisum to short amow.

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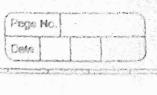
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wompus world agent has	C., '
characters:	to longe
Cranala cirt	

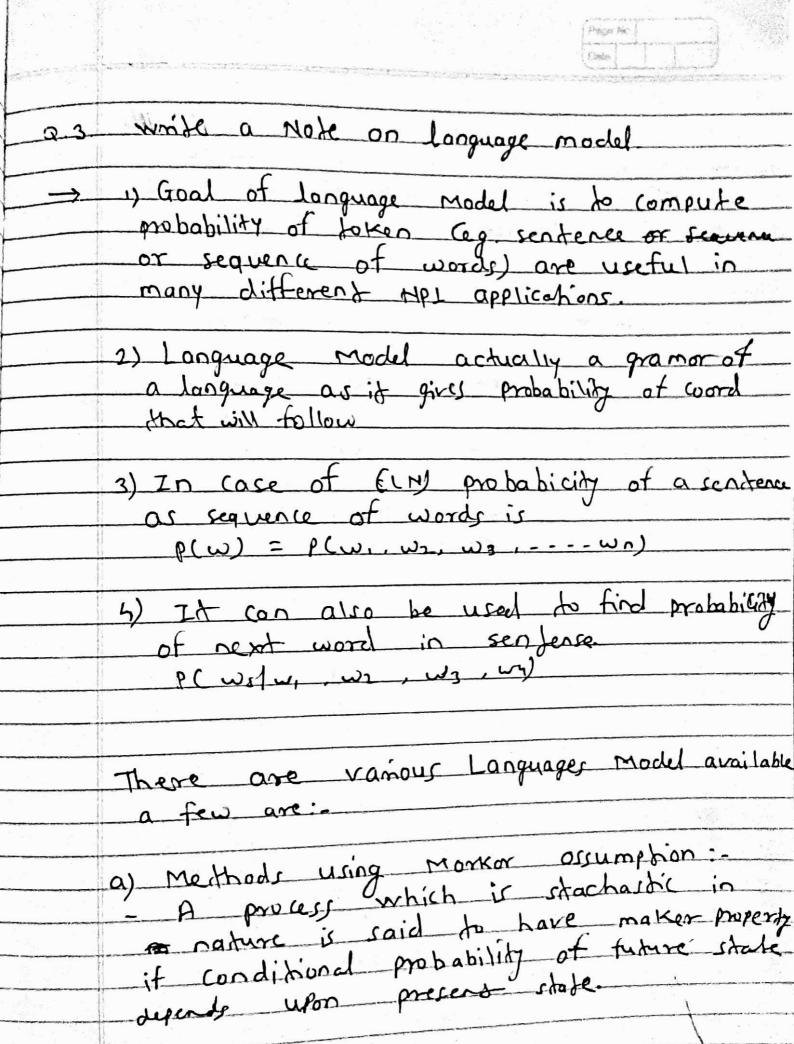
- a) fully observable
  b) Deferministics
  c) static
  d) Discrete
  e) single agent



Q.2	Explain various elements of cognitive system
<b>→</b>	1) Cognitive Computing is new type of computing with goal of more occurate model of of how human brain mind sensing responds to stimulus.  2) Generally, term cognitive computing is used to refer to new hardware and for software that winic following functioning of human brain there by improving human decision making cognitive computing application with a data malysis of Adaptive page is user interface to adiust colors.
	for perficular type of Audience  - Following are elements of cognitive systems
	a) Interactive:-  - They may interact esily with yourso.  those years can define their needs  comfortably.
	b) Adaptive:
	- They may be engineered to Reed on dynamic data is real time. They may be learn as information, change & as gods



() (ontexual:-
- They may understand, identify or
exman contexual elements such as
syntax, location, appropriate domain etc
With the second
d) Interactive of state:
by asking questions or finding additional source is p if problems statement is
by asking questions or finding additional
source is p it problems statement is
in Complete.



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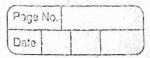
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	W N-Gran Models:-
	- From Markor accumptions
	define models exposed so a la comandition
	define models when K= n-1 as following
	P(W,   w, w2 wi-1)
	() Unigran moder (K-1)
	() unigran model $(K-1)$ $p(\omega_1, \omega_2, \ldots, \omega_n) = \pi p(\omega_i)$
_	
	d) Bigran model (K=2):
	ρ (ω, /ω, ω2 ω;-1) = ρ( ω;/w;-)
	the state of the s
_	(w./wi-1) = (ount (wi-1w)
	Count (wi-w)
	and the second s

The second second

04	write a note on machine Franslation!
<b></b>	1) machine Translation is classic test of Language understand. It consist of both language analysis and generation, many machine translation system have huge commenced use following are few of eg:-  - Google Translate goes through loo billion words per day.
	- e Bay uses machine translation the techique to enable moss-border trade & connect buyers / sellers ground grade
	- Facebook uses machine translation to translate text into posts and comments automatically in order to break/language borniers.
	- system becouse 1st software provider to launch a machine Translatan engine in more than 30 longues in 2016.
	microsoff brings AI. powered fransland to end users and developers on Android, Tos and Amazon whether or next they have access to internet.



Explain Following terms: a) Phonology: It is study of organizing sounds systems aticaly in an NLP & system. b) Morphology: It is study of construction of words from primitive meaning ful units. c) Lexical Analysis: Lexical is words and phrase in long. uage Lexical Analysis deals with recogni= tion and identification of structure of sentences. It dinder programs in sentences phrases and words d) syntatic Analysis:-In this sentences are parced as noun verbs adjective and other parts of sending In this phase grammer of sendence in analyze in order to get relationship among diff words in sentences.



	e] word sense disambiquéon:
	- while using words 11 1
	than one more
	- while using words that have more  than one meaning we have to select  meaning which makes most sense in
	content.
	for eq:- we are typically given hist of words sense eq. from dictionary or from an online persource such as word next
	words sence ea from listing
	an online Resource such as
35.4	a word ret
710,2	
-	
-	
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