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	Assignment No.:-18
	Name: Tejas Balaso Jadhav.
·>	Roll No.: 24 . 24 . 2000 2000 2000 2000 2000 2000
in it	
·>	Batch: I.1
	6-11:18 1 - 2 my P - 21 - 000 11
·>	Sem: VII / I.T.
	in the survey will be a survey with the survey of the surv
·	Subject: A.I.
	S Engly Roccos
	in some of the money of
	D.O. A. D.O. P. and Remark Sign
1	Line Money and
	etip realmorbod dha emassic
	risinglifed the providepend omes of
	prison do do
	2 Room both gold which is affect
7 1	DECOLOR OF ANOTE OF CHOCA
-	Te shoop o priming I marke Kill
1 - 0	e oil ligned of money and o
	and of related the product alkade to
11 =	- Studen to private of actor 32 1 6.
	Whore while a worn wo word to
	the war to a me town &
	this with darp oh much today ?
6.000	edt topos of manodom todas al
11 C	it and hope bloom some out
	· · · · · · · · · · · · · · · · · · ·
	makening wind like silver order with the

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œ. ±	Explain PEAS descriptors for wympus
	evorla
Ans:	· Performance measure:
	+ 100 for grabbing the goal & coming back
	to stant.
	- 200 if Player is killed
	- 1 per oution.
	- 10 for using the arrow.
	ii) Environment.
	> Empty Rooms
-	> Room with wumpos
	> Rooms neighboring to wompus which
	ant smelly.
	> Rooms with bottomless pits.
	> Rooms neighbouring with bottomiels pits
	which are breezy
	> Room with gold which is glitery.
	> Room with gold which is glitery.  > Arrow to start the wumpus.
	iii) Sensors Cassuming a sobodic agent)
	> Camera to get the view.
	> Odour sensor to smell the steel
	>> Audio sensor thato listen to the screen
	& Sump.
	is) Effectors (assuming a rebotic agent)
	> motor do move left right.
	.> Robot arm to grab the gold.
	.) Robot own to grab the gold.
	> Robot mechanism to shoot the armi
	The wompus world agrent has following
	la maracles!
	of fully observable b) Deterministics
Septem !	

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	3 Episodic d) Static @ Discrete
	a color
	F) Single agent
	in the first of the second of
Q. 2	Explain various elements of cognitive
	3/3/1/
Ans:	.) Cognitive computing is a now the
44	computing with the good of more accurate models of how the human
	accurate models of how the human
	brain / mind sonses, reasons & reponds
-12	Describe the tors continue lies
	is used to refer to new hardwar
	and/or software that minic the
	Following Runctioning of the human
9	brain thoseby improving human decision
	making.
	> Cognitive computing applications links data analysis & adaptive page digitalisplay
	i.e. Adaptive user interfaces, to adjust
1900	context for a posticular type of
	audience.
	> following are elements of cognitive system.
	a) Interactive: They may interact easily with uses so that those users con
	define their needs comfertably. Thou
	may also interact with other processes
	devices & cloud services, of well of
-	with people.

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	> A model that computes either or
2	these is language Model
1 (4	> There are various longuage 10 10 de
(1)	avoilable, a few ones
1	of methods wing morker assumption
5 0	1) A process which is showing in
	noture, is said to have the montor
	or property, it the conditional probiability
	of Priture states dépends upon
May Series	of aregal vastele, hall 1930 vale
	5 N- gram a models - od
- o lots	. I from the mark Ov Assumption rue con
1 26 0	firmally define models where kind of
· Allos	- Following
5-7	$P(\omega, T\omega, \omega_2\omega_{i-1})$
	7 Urigram Model (k=1):
	P(w, w2
.9.10	T Property of the contract of
Α	a Bigram Model (K=2):  De (in   wiwz wii-i) = P (wilwi-1)
A 3 50	Partie Partie Contraction of the
	(w, [w;-1) = n (ount) (w;-1w)
1	count (wi-1)
	-To the different production of a
(54)	Latter in the cas tillness melate
	the door to born it with
	everce or soon what he whole in the second
Simon	of losing all and interest
11. 7.4	was somewhat some with write
	or real deposit of
Ť	

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0.4	Conte a note on machine Translation.
Tho	Machine Translation is classic test of
i	longuage understand. It consists or
	both longuage analysis & generation.
	Many machine tourslation = ystem have
	huge commercial use. Following one
111	few of examples:
11966.	> Google Fonstale goes through 100
`	billion words in days
	Dillion words pordays DeBay uses Machine translation techniques
	to enable cross-biorder trade &
1-3 1 -5	2 Facebook will (mr) I brief le b.
	2 Facebook wes (mr) to translate text
	in posts & comments auto marically
	in order to break language barriers.
***************************************	> Systeman became the first software
	provider to launch a Neutral
	Machine Franslation engine in more
	Than 30 Janguages in 2016.
	> microsoft Drings Al-powered translation to end-wars & developers
7.1	of end wars & developer
	Android, jos & Amazon to the
	Thernot.
	> In a traditional machine Transaction
	System. Parallel compus a collection of
	traces is one of the
	is translated into one or more offer
	languages than the anding For amole
	diver the source anguages of fact
	Ob the target language eg.

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	English, multiple statistical of models
	heeds to be build, including a
	probability model p(P)e trained on
	parallel corps & a larguage model
	p(e) trained on the English corpus
	) It is objour that, this approch skips
	hunderals of impostant details requires a
	lot of human features engineering.
	& is overall a complex system.
OD F	Explain the following teams:
Ano:	of Phonology:
,	> It is the study of organizing sounds.
	> It is the study of organizing sounds.  systematically in an NEP (matural
	language processing) system.
	b) Marphology
	> It is a study of construction of
	everds from primove meaning the words.
	e Lexical Analysis!
	> lexicon is the words & ptraces in
	language lepical analysis deals with
	the recognition & identification of
	strecture of sentences. It divides the
	paragraphs in sendences phraces &
	d) Syntatic Analpis?
	s in syntatic Analysis the sentences one
	parsed or noun works, adjective. &
	other parts of sentinces. In this
	phase the grammar of the sentence is
400	

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e e e	analysed in order to get relationship
	among different words is denterral get
76	relationship among different words in
1000	sendences. For example, margo extra will
· 12.0	be rejected by analyzar
	el Words sense disambigution!
-0 -1-1	I while using words that more than one
	meaning we have to select the
	meaning which makes the must sonse
	in context. For example, we are typically
	given a list of words associated word
-	senses teg from a dictorary or
)	From an online resource such on
27.4	wronet.
3 3 3 1	
3 3 3	
17	
- 17-	
	Scanned with CamScanner