Page No.: 1 K.G.C.E. CAssignment ma: 1 B Date: Karjat - Raigad Name: Nidhi Nitin Thakus Kollno: 69 Batch: 73 DOA

Date:

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RGCERGCERGCER	GCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEK	GCEKGCEKG
	1. Peoplain PEAS descriptors for WUMPUS world.	
	-> 1) Performance measure	
	+ 100 for grabbing the goal and covering loack to star	t
	200 if the player is killed	
	- 1 per action	
	10 for using the aurous	
	ii) Frazionment	
	- Emply Room	
	- Room with wungers	
	- Rooms neighbouring to WUMPUS which are smelly	
	- Room with gold which is glittery.	
	A Rooms with god bottomber Dets.	
	- Rooms neighbouring with bottomless pits which are	lorenzy.
	- Arrow to Shout the arrow.	W
	The bottles would agent how following there	
	iii) Sentors ca (cossuming a robotic agent)	
	- Camera to get the view.	
	- Odour sensor to smell the stench	
	- Audio sensor to listen to the screen and bump	
	iv) Exectors (assuming a releatic agent)	
	Motor to move left right	
	Kobot our to grade the gold	
	Robot mechanism to shoot the arrow	
	The WUM PUS world agent has following characters	
	a) fully observable ( f) Single agent.	
	b) Deterministics	
	c) Episodic	
	d) Static	
	e) Discrete	

Page No.: 3

Date:

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	, and the control of
2.	Explain various elements of cognitive system.
	Cognitive computing is a new type of computing with
	the goal of more accurate models of how the human
	lerain/mind senses. reasons and responds to stimulus.
	Generally the term cognitive computing is used to refer to
	new hardware and or software that minic the following
	functioning of human brain thereby improving human
	decision making cognitive computing applications links data
	analysis and adaptive page display is. Adaptive user
	interfaces, to adjust content for a particular type of cudience
_	Tallowing are elemente of cognitive system:
	Interactive: They may interact enough with user so that those
	usors can define their needs comfortably. They may also interact
	with other processors, devices and cloud services, as well as
	with people of AXX
6	Adaptive & They may besolve be engineered to feed on dynamic
	data in real time, they may learn as information changes and
	as goals and requirements evolve. They may sevolve ambiguity
	and torate tolerate impredictability Ixhaviours
C	Contextual: - They may understand, identify and extract contexual
	elemente such as meaning syntax, location, appropriate
	Idemain etc.
0	Herative and Stateful: They may evid in defining problem by
	Herative and Stateful: They may end in defining problem by asking questions or funding addition source impo input if a problem statement is incomplete.
	of problem & sterkent is incomplete.

Page No.: 5

Date:

KGCEKG	Date:
	Write a note on Machine Translation:
>>	Machine Translation is classic lest of language underst
	It consists of both language analysis and generation. Man
	machine translation System have huge commercial use.
	Following are few of the examples:
-	Google translate goes through too billion words per day.
-	C-Bay uses machine translation techniques to enables cros
	loorder trade and connect lawers/ sellet around globe
_	Facebook uses (ME) to break language lowniers.
-	System became the first software growider to founch a
	Neutral Machine Translation engine in more than 30
	language in 2016.
-	Morosoft beings AJ-powered translation to end users and
	developers on android, ios, and Amazon Fire Whether or not
	they have access to Internet.
-	In a traditional machine Translation system, parallel corp
	a collection of trees is used to each of width, is transfer
	into one or more other language than the originals For
	given the source language than the original given the source
	language eg. french and larget language eg. lenglish, mult
	Statistical models needs to be build including a probablis
	formulation using the roa Bayesian Jule a translation
	model p(f) e trained on Barrel corpus and a language
	moder p(e) trained on the english corpus.
	It is obvious that, this approach skips hundreds of important
	detaile, reguires a lot of human resource enquirering, ar
	is overall a complex system.
	is always to constitute to the same of the

toplain the following terms: Thomologu: study of organizing sounds systematically, in All Marchalogu of construction of words from primitive c) Legical Analysis: Lexican is the words and shraves in language Lexical analysis deals with recognition and adentification of structure of sentences. It divides the Danagraphs in sentences, Thrases and words. d) Syntactic Analysis: Analysis is the sentences are Darsed herbs, adjective and other parts of sentences. In this share ne grammon of sentence is analyzed in order to get relationship among different words in sentences. For eas 'Mango eads me" will ex rejected by analyser. e) Word lence Disambaguation: Arhile using words that have more than one meaning we have to select the meaning which makes the most sense in context. For example, we are typically given a list of words associated word senses seg from a or from online roas teletice such as word net.