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Question and Answers:
what are the ser
what are the differences and similarities
between predictive models and cognitive models?  O Peredictive models:
This is used to incorporate ways to help
incorporate improved means of having good interaction with HCI's. Predictive models include.
@ Keystooke level model -
The thought -
to execute a seed to predict how long it takes
to execute a specific task & this is broken down into 3 areas
6 Throughput -
This is used to show the overall productivity
of the computer it shows how quick a computer
responds to command therefore shousing usu
the computers processing speed and allowing you to yourself determining if it needs to be upgraded or not.
you to yourself determining if it needs to
be upgraded de not.
G Fitts law -
This is used to predict how quick a user
an how far away it is I how large the object you are toping to reach is
Object away to a seach is
- you are roying
2) Cognitive models:
Cognitive models have rather computational
flaron this reflects the way that computationals.
analogies are often used in cognitive psychology.
flavor, this reflects the way that computationals analogies are often used in cognitive psychology. The presentation of cognitive models is divided.
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	Ento following categories:  (a) Hierarchial representation of user's task &
	a Hierarchial representation of user's task &
. S	2 - 1 · taratrara
	D'Linguistic and grammatical models.  3 Physical and device level models.
	3 Physical and derice level models.
	7
0.2	Explain overall process required for interaction
	between Human and computer using Natural
	Language processing
	. The most attractive means of communicating
	with computers, atteast at first glance is
	by natural language.
	2. Natural language understanding both of
	speech & written input. Natural language processing has been in existence for more
	processing has been as existence it has
	than fifty years. During this time, it has significantly contributed to the field of
	human computer interaction, in terms of
	theoretical results and practical applications
	- Promototive of linguistic approach is
	3. Representative of linguistic approach is Reisneris use of BNF rules to describe
	He I' I ad some make I had some the desired
	at purely syntactic level, ignoring the
	semantics of the language
	there are various approaches for inter
	between human & computer using NLP
	ALLEM AA ALL SURGE OF OF OTHER CASE
	approach 3 Connectionist & Hybrid
	1 5. Instead on all their things
	issues in using NLP so these are

Page No. between human and computer using NLP Discuss next generation interfaces such as gesture control used in Home automation, robot used is daily task performance I Homes and working spaces are considered significant contributors to the top percentage of energy consumption & carbon emissions 2. Sustainable gain brought by smart home solutions, in terms of energy efficiency, economic savings and enhanced living I working condition.
3. Using available motion capture technology a gesture dictionary will be end in air movement 4. A usability test will be conducted to measure the resulting socio technical aspects of smart home solutions towards designing and maintaining buildings of the future that are user centric & resource efficient to reduce our overall carbon footprint 5. These hand gesture probot used in vaccum cleaner, Ac, hand washer, also in military, medical, fire fighting department, constructionfield etc. Write short note on socio-organizational de sures l'Atakeholder requirements l'heuristic. noitaulaw

- There are several organizational issues that affect the acceptance of technology by users & ma must therefore be considered in system design: O System may not take into account conflict & power relationships @ Those who benefit may not do the work @ Not everyone may use system. 2 Organizational issues organisations are supporting groups of norkers, but this may be through specialist groupware systems or through shared data or processes O Goperation or conflict - Computer supported cooperation work seems to assume that groups will be acting in a cooperative manner @ Changing power stricture - Identification of stakeholder will uncover information townsfer & power relationship that cut across organizational structure. 3 Invisible norker - The ability to work & collaborate at a distance can allow functional groups to be distributed over different sites. Varies and is dependent on many factors there are four main types of assistance

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the users require: 2. Task specific help 3. Full explanation 4. Tutorial 4. Requirements of user supports:

1. Availability

2. Accuracy & completeness

3. Consistency

4. Robustness 5. Flexibility 6. Unabtrusiveness