Internal Assessment -III. Attfecial Intelligence: 1) Ontology Ergineering: Which Studies the nothers and mothedology for building Ontologies retriet are tormal representation of a det of Concepts coether a domain and the relationship with those Concepts. 8) Event Calculus: The Event Calculus 21 a logical hardproge for representing and resoning about events and their effects fout Bresented by Lobert Kowaleks and March Dergot In 1986. 3) Application of AI! - Astronomy - Healthcare - Craming

Férance

- Data Decerity - Automotive Traduter. H) Natural Language Processing: NLP 21 a branch of AI Hat Studies how machines inderstand human language . Its goal 2, to build System that Can make slenge of tead and perform tack hika translation, gramma Checking, or topic Classification. Any Automatically operated Machine That rappace human offer though it may not resemble human beings in appearance of perform Junctebrs in a humanlike the shoops of the

Part B

7)A) Roboties:

Robotice 2, an indevolve oplicant tell that integrates Computer Surerea and Engineering. Robotice involves deingn. Construction, operation and use of robots. The good of robotice is to design machines that Can help and assist human. Robotice integrales feeld of Mechanical electrical, Philomotion, mechaticonic, classical, Philomotion, mechaticonic, classical, Software engineering Among Cogether.

Cortain Robert Piequie uses input to operate while other function Sectionary

Robote Asspecti:

There are many types of Hobots;
They are used in many defferent
environment and for many defferent used

Although beign very durine in application and from they all share Three basic Denglasties when it Comes to their Construction. Application: - military Robote. - Cobots - Construction subst. - Agesculture Hobote. - medical desbote. Hardware Components. 1. Power Source: At present mostly lead Acid batteries are used on a power donce. Many different types of Books battery Can be used on a power Source of Robots. Housever Duch design are after meetangeally Complex and need on fuel require heat désipation. This mothede Com be greduce weight.

Actuation: Actuation are the nursela of the Hobots, The part which Conved Stored energy into movement. There are Some need advance es alternatives types of actuados. Powered by electrical Chemical or Compressed Air. Type: Electore motor - Linear Actuator - Deries clastice Actualos. - SEs Murcle. - Muscle wile

Maripulation.

A déféndion of robote manspul has been provided by matt mason ai "Marspulation refers to an agent's Control of it environment thorough Selective Contact.

Mechanical gerippen: One of the most Common type of end- effection are gentipers. In it Simplest manifestation, it Comir of just two ferger that can Open or close to Prescop and Los go to of a Amall Sange Object. hocomotion: Most hooks la stobats have four Cortain Advantages Senet ou greater Efficiency and reduced parts. - Two wheeled - One - wheeled. - Track bots - walk applied - Hopping : - Hyring.

Part-C

DB.1 Desch recognition:

Speech recognition is the back of identifying on dequence of word cultived by an expeater gruen. The acoustic Signal. It has become one of the malisystem application of AI-million of people interact with Speech regionation System curry day to naugate voice mail Systems, Search in web at.

Dogmentation:

English have spaces for between them.

But the fast spaces there are no

Paux will duringued as a multiwood

Phase and opposed on the regionstion

Coarteulation: 'S' Sound at the end of their merger with the "b" Sound at the beginning of beach Yeild Something That e clos to a'Sp'. Homophones: Another psublem arise is Voice regnocitation in the words with Same Sounde but with different meaning and Spelling. It with Change The maining of the entire Berdence If it recognize as a mietalea. ege Sun -Son ruse - arise Accourtie model. It describes the Sound of The wood - That "Cooling" begins with Seft "e" that Sound Same of