Name! KULVIR SINGH | LAB DA 4 Rug No! 19BCE 2074 classmate CLOUD COMPUTING MODEL TEST i) With the advert of cloud computing into o the state century. this technology has a) Resource Management The cloud industry faces a major usue of lack of resources be it monetony or technological infrastructure. It focus à lack of sisonre management, lack of businesse hoping to overcome it by hiring new and more exportened only help to some the shallenges of the business but will also train the enisting employees. Surrently many IT employees to the enhance alond computing wills Aparte from that, the management of airus, chistus hypumino ita. of employees as well as the technological afrastructure. Monetary apending is may high to get a well intaknished combination of tech and employees hence management is gettle am obstacle. b) Data Tomsfer Bottlenick. Virtualization implementers found that buy bottlenck to . mintral markine density is date transfer of the transferring. 7 files, Sojects, date, date stones and even date besis hold om inmense value in cloud computing architectures and as they behave differently. Pushing date into the wrong one can caupple the have to take into account the time it takes the ocquire the demice, ronfigure and load it, prepar it to return, and allow the cloud wender to copy the date of on the back and This brings down the actual transfur out Thunger dones cloud faces the destacle of date I sansfu, bottlenuk in communication contents when the flow of date is

ferm A Evenn B END USER Ostastra Lete transfe can be hindred. which curse an unwanted error & condition & in the cloud architecture rossulting in the furture of the application Therefore, we have to face those obstacles in cloud compility.

2) detentages of alond technologies in social attracting applications over: (i) Flamibility.

A about besid sorvice can well the demand because the nest capacity of the service's remote ournes. (ii) Disaster to Management cloud basel survices erradicate a companyo med to implement a date recovery plan. The cloud survice provider on manage the arish networking inhustry or from the (ii) Antomatic Softnere Updates server maintaince involl be dealt by the hence updates to the scenes backends are now outsourced the enewity feature employed by the cloud armice prohibut will entend to the arrival networking and were also there? a safety featith is already implied by clark

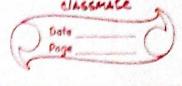
(N) Lag-Ex Free / Reasonably sheep.

cloud computing no our on an typically pay as you go. This will be a lot of help for small hetworking groups as they might how. The intransport funds for establishing their one sums: (1) Environmentally forendly. survivos using cloud romputing only use the the carbon footprint. The advanced alond architecture of Hypevisor Churtering Architecture will be suitable for sound networking wites. high availablity duster
across multiple physical seem The hyperiger establishes a of hypernison hypumisor or its underlying If a joiner physical summer bicome unavailable, the hosted mixtul survero can be another physical sieve mond to or hyperist to maintain suntine spelitions

virtual acrom Boate page Mintral summer [A] ----ic - who a plant of the state of the contract FAILEP HOST Physical survey [B] Physical surver A. becomes immeriable and Cause hypernessor to fail. Honeum the architecture is such that the entire operation shifts to Physical burner & which have to hypernessor finalized hince no secure. Thurson this lained of architection is bust awited for avial sutworking models

3) A cloud SLA (W, m'ce limb agreement) is an agreement between a cloud survice provider and a customer that ensures him a minimum lime of sicurity such that a particular minimum bar of sumice is maintained. It guarantees lunks of
leablety - reliability = to systems and
applications. 2t specifies who governe when there is on interruption in the survice A doud infrastructur som som jugamphies and mixtual. while the exact metries of a cloud SLA can vary by provider, the areas concred are uniform : - will (posseission & accuracy) a (iii) Its ousportsivenessent a well in med (iv) of efficiency, some and the

dince a doftmare devel Agreement is a necessary document for any cloud there are a fur cone associated to the SLA which can hinder the cond computing industry. The SLA aims to establish a mutual understanding of the services, prioritized arreas, insponsibilities, guerantees and rearranties promided by the sulmice promidel done people can have take an unfair advantage. & Hence face a few chillenges is with orspect S.L.A. gover mya mes neutraltroppie harate to EXPECTATION, Create on UNREALISTICE. Creating a standardized timeline and quareiltes forfaience and cause a serious level of imparible possesses demand from customers. I'm be can be used to attract customers and schuling them in tulin, therefore it create the air of false promise which hample the



Apreifing timelino, querentering survice and premiding a cultain response time, are a good near to get to sheek the survice promider however the rigidans of the document can lead to the sollage of the survice promider as well as the sustainers. Hence, certain areas of the SLA med to be improved to creat a sumi RIGID dec. for austaining the B to C relation.

(iii) Formulating am SLA requires additional time and expense.

the return of the document is such that a lot of moverces are used to create and implement this document.

(iv) SLA's have unintended emergences.

The nature of the document is such that customers and the business oneners com all claims that will be I taken up in the court and distroy a business fourtoner. This causes the for of getting and and hampers the cloud industry.

(w) Its difficult to monitor. One mude to