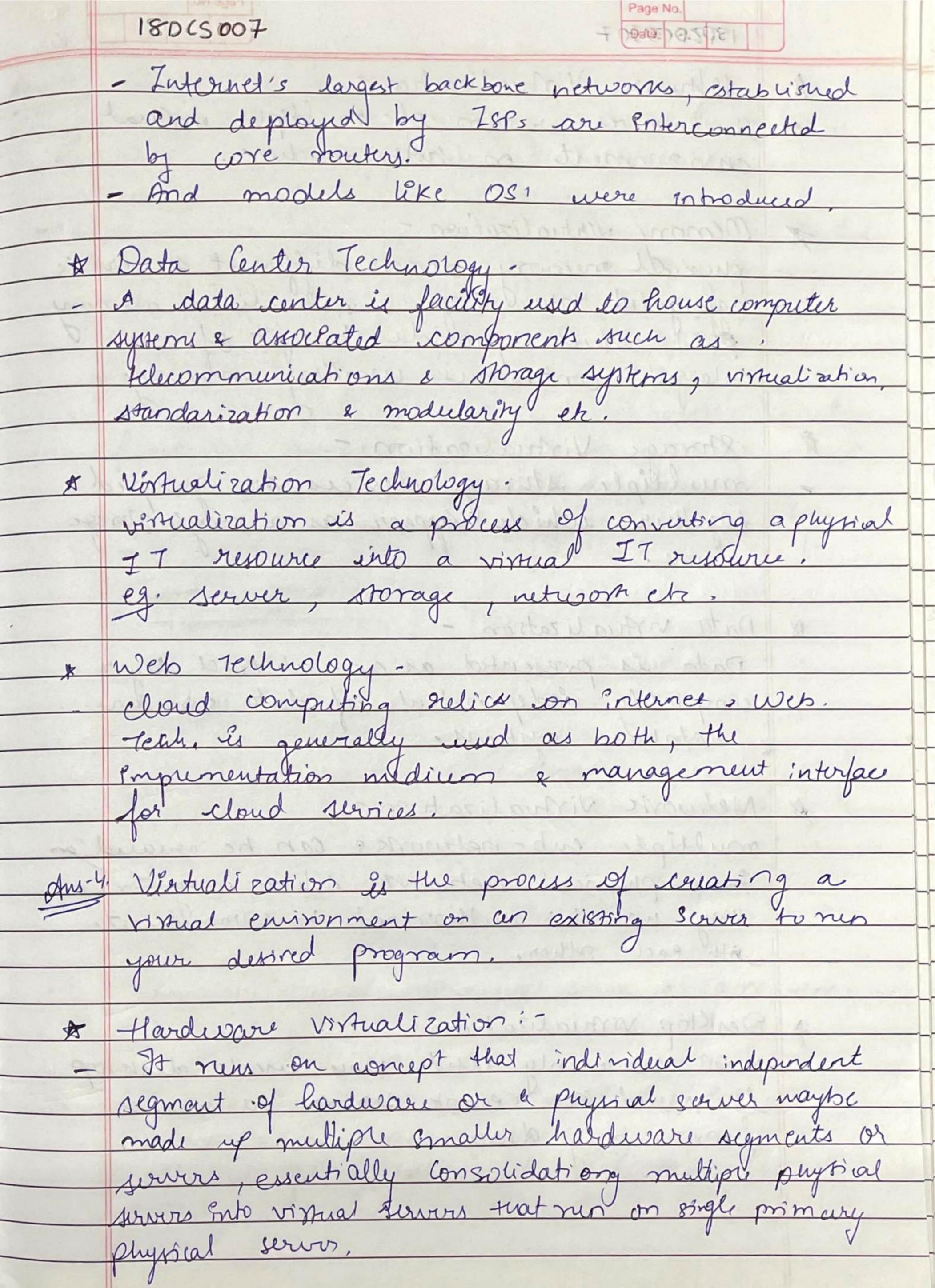
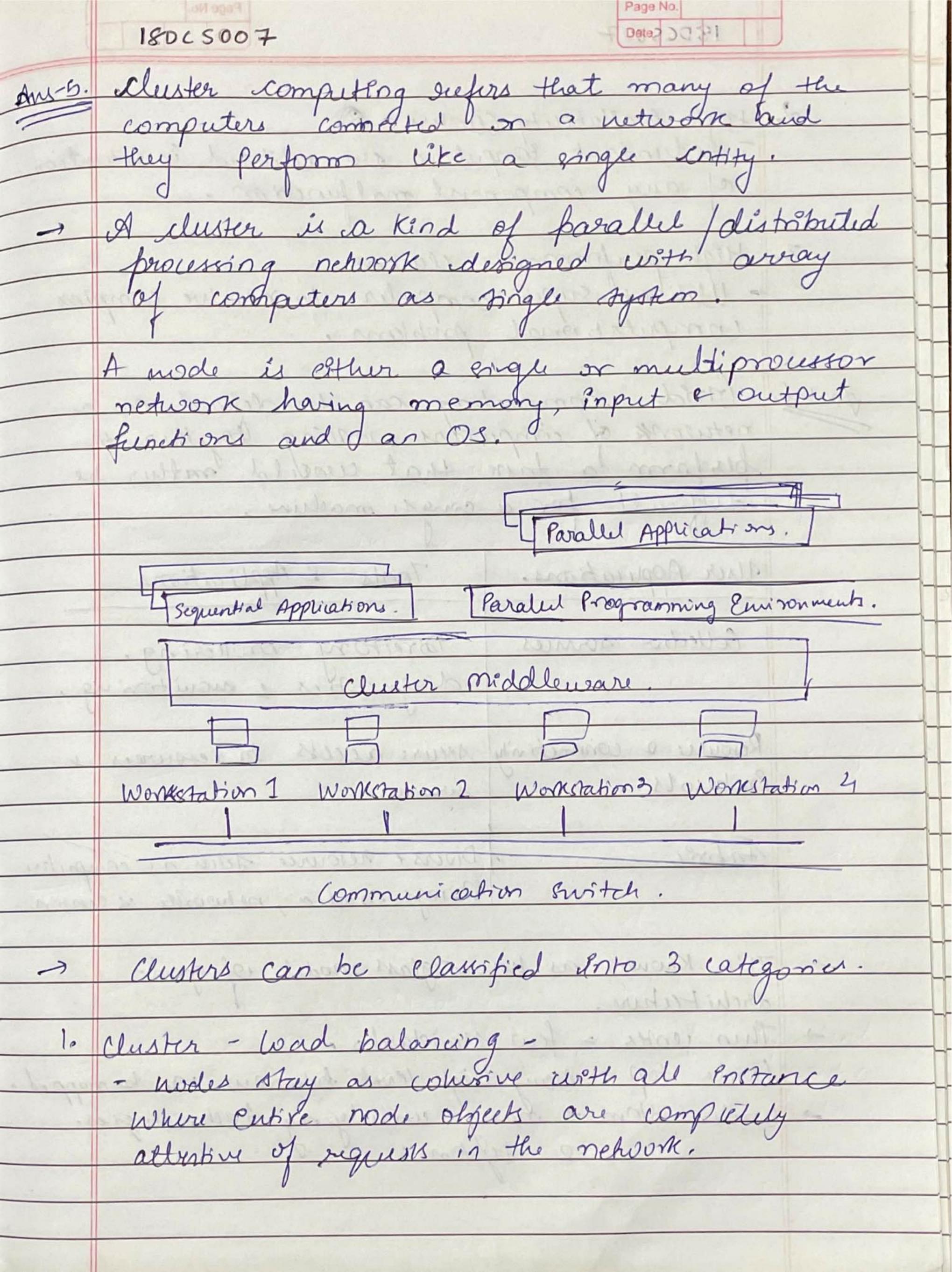
RUDRA BARAD Cloud Computing Assignment Ans-1. On the basis of the services cloud offers, we can count on following cloud delivery models. - Cloud application services - Use of software that run on cloud. - No leed to install, manage or upgrade anything - Disadvantage - Vendor Wek in lack of sontrol
« customization et . - cg. Groogle workspace, Drophox, weber. - francework or platform where developers can vuale - simple, cost effective, highly avoillable. - Disadvantage - soudity, suntime issues. - eg. AWS elastic beanstalk, Azure, Heroku ck. - configurable, scalable à automated compute resources - servers, networks, Os, storage etc. through virualisation.
- flexible, large set of resources, high control. eg. dégital Océan, lenocle, Rockspace, Google Compute Engin-Aus-2. Ou-demand Self-survices: It doesn't suglive human administrators users are able to provision, monitore manage computing visources. eg in case of virtualization, if less morage or menon is bellocated, eve can switch the prous more resourceful machine.

18 DC5007 \* Broad nehvork access: - The computing services are generally provided over Standard newborks & heterogeniots derices. eg. a cloud application our be accussed from duktop as well as mobile. \* Kapid Elasticity, > Services should have it resources that are able to seale out and in quickey and son as needed basis. og cohenever the user suguirus servicus, it is provided to them and it is state out as soon as its requirement gets over \* Resource pooling IT resources eg. storage, applications ch. present are shared accross multiple applications 2 occupant in an unionmitted manner. Measured Service! e Occupant. It is done for various reasons like monitoring hilling e effective us of Cloud enabling technology is the use of computing resource that are delivered to customeds with help of internet. Shallout transfer manuel willout towards 4? & BroadBand network & Internet architecture -- All cloud must be sommetted to a network. Sandian distanting of the



Page No. Date Page 180cs007 Software Virtualization It govolves creation of multiple within envisonment on hot machine. Memory virtualization phyrical memory across different servers is aggregated into Gingle virtual pool which probides benefit of as enlarged continuous working memory multiple storage derices are grouped together which appear as a single morage device. Data virtualization -Data is presented as an abstract byer completely independent of data smither & database opstems. the temperature of the party of the state of the state of the A Network Virtualization multiple ent-networks can be created on Same physical networks which may or may not be authorized to communicate with each other. Desktop Virtualization is stand on remote server to access from any device. with meddent the days and and and the season of the season with the service of the service



d. High Availability Clusters - De literal in situation - Redundant Computers are utilized in situation of any component malfunction.  3. High performance clusters - Utilized super computer to resolve complex computations.  Computational problems.  Anside computers working together to network of computers working together to her form a task that would matter be difficult for a engle machin.  Alser Applications. Tools l'Applications.  Collective services Priverbony brokering.  Resource connectivity secure access to resources a probocols.	mor established	
They performance clusters  - High performance clusters  - Utilized super computer to resolve complex  Lompitational problems.  And computers working together to  network of computers working together to  perform a tark that working together be  difficult for a engle madiin.  Collective survives Tools l'Applications.  Collective survives Torrectory brokering.  diagnorites a monitoring.	A STATE OF THE STA	1
3. High performance clusters  - Utilized super computer to resolve complex  computational problems.  Ans. O. Orid computing can be defined as a network of computars working logither to perform a task that working logither to deficult for a englimation,  Ther Applications. Tools l'Applications,  Collective survius Directory brokering.  Avagnossies a monitoring.  Revoure a connectivity suure access to resources a	CALL .	< .
3. High performance clusters  - Utilized super computer to resolve complex  computational problems.  And. Grid computing can be defined as a network of computars working together to perform a task that would rather be difficult for a congremation.  Alser Applications. Tools l'Applications.  Collective services Porcetory brokering.  Aiagnorises a monitoring.  Resource connectivity secure access to resources a	nction.	
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Lempetational problems.  Ans. 6. Gred computing can be defined as a network of computars working together to berform a task that would rather be deficult for a congle machine.  Aucr Applications. Tools l'Applications.  Collective survives Directory brokering.  Alagnostics & monitoring.  Resource & connectivity suure access to resources a	de de la constante de la const	7
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Ans-b. Gred computing can be defined as a network of computars working together to perform a task that would rather be difficult for a englimation.  The Applications. Tools l'Applications.  Collective services Directory brokering.  Aiagnothus a monitoring.  Resource connectivity seems access to resources a	,	
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