ANS 1 - Fiter cloud resource management suffers

to coordination and efficient utilization of susances accuses multiple dand environments.

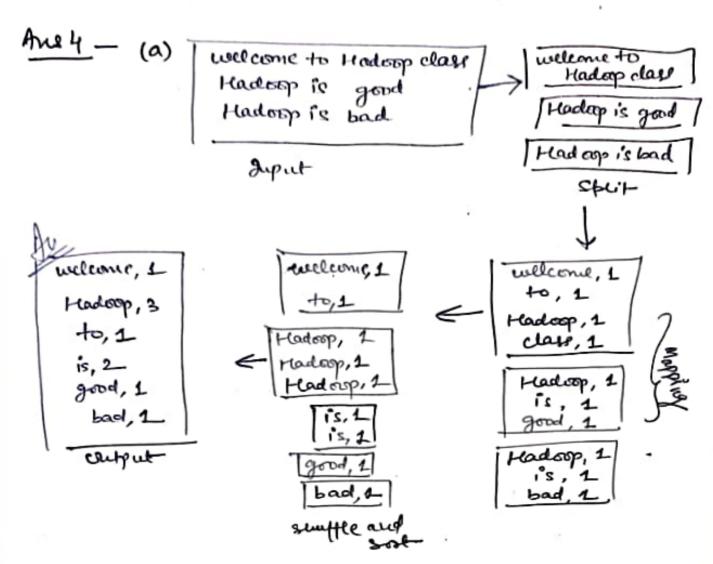
- Ly (a) Load Balancing

 - Cb) cost optinization Cc) Ruilieuce and Scalability
 - for retail company -
- 1) Aws et andared operations due to its
- (2) Google cloud platform remering ML algo and model that analyses.
- 3 Microsoft Aruse data storage and disaster
- Ans 2 1 etatic resource provisioning fixed capacity, named danger, etable
 - Dynamic resource planning automatic affectment, cost efficiency, cloud notive applications
 - 3 on demand surouver provisioning real time resource allocation

(4) Auto sealing - nees applications (5) over pravisioning and elastic provisioning As Dinamic brouge enris 3 Station Bourstoning 1. Dynancie scaroca 1. fixed scenice 2. Highly scalable 2. Not Scalable 3. Automatically 3 Requises manual managed. adjustment 4. cost efficient 4. Cost enercase 5. Unpredictable workload. 5. Psedictable workloads Ans 3 - Major eccurity shallenges -1 Data becaches - for both CSPs and usess. Unauthonized access to severtive information can lead to financial loss, legal issue.

- 3 Insufficient Identity and Access Management for controlling who can access cloud
- 3 Ansecure APIS used in cloud eurisonment for intereaction between sources, it can lead to Dewal of securce.
- (4) Data loss occure due to accidential deletion, updation or diseter
- 6 Compliance and legal lieue "GAR, HIPAA,

6 Lack of visibility and control - making it difficult to monitor and suspond to security encidents effectively.



(b) Similarly, final dictionary:

if, 1
you, 2
notice, 4
+we, 2
will, 1
is, 1
not, 1
worth, 1
noticing, 1

(c) sed, 3 long, 6 yellow, 3

Ans 5 - Four levels of Federation:

- Dessource shoring, security.
- 2 Platform can in corportate. Prole environmente veluse applications arec developed.
- 3 Lourice entegration of sevences account vaccious cloud emissionments, ean actubred thorough. APIs and Pan.
 - (4) Adevillety on managing user Montteep and necess accross multiple christ using federated (FIM) systems.
 - This leads to enhancing cloud futergerability -
 - L) seauless entegration, standard protocolo (REST, SDAP), unified expositioner.