0801CSI71077 Shikhar Mahajan Shildren 1

CLOUD COMPUTINGS MID SEM-02

Answer) 3 types of cloud service models
and prosent.

- Software as a Service (SAAS)

 It is for using providers whole system including application, infrastructure.
- Platform as a services (Paas)
 use platform of provider when
 you are having their your own
 Application
- 3 Infrastructure as a service (Jeas) promiders computing resources and services.

Blikeron 5/4/21/2 08616517-1077 Shikhar makeyan On Risk related to each models 1) Saas: 1) Data security 2 Data breaches
3 Data Confridentiality
(4) Availability Database security 2) Paas: SOA security security D Vistualization issues 2 multi-tenancy skle effects physical issues.

Shiphorn. 05/04/21 0801CS171077 Shikhar Mahajan Answer: Green computing is Boo-friendly use of computers and their resources. It is also defined as
the study and practice of
designing, engineering, monufacturing
and disposing computing resources
with minimal onwironmental damage. Internet services from a service provider that has taken measure to reduce their environmental effects It is nory important in present Their is a need of Energy conservation The carbon foot point is needed to be reduced which is causing damage to encironment. Shifting common software to doud reduces it by 87%.

0801CS171077 Dilman 05/4/21 Shikhar Mahajan (2) creeen doud computing helps you go paperless which are sails trees, forest and therefore environment (3) It focuses of on reducing the to less envisonment waste of its residues. Therefore improving disposal and recycling procedures. visualization Resource management management Sustainable Resource of Free Cooling Meat re-use

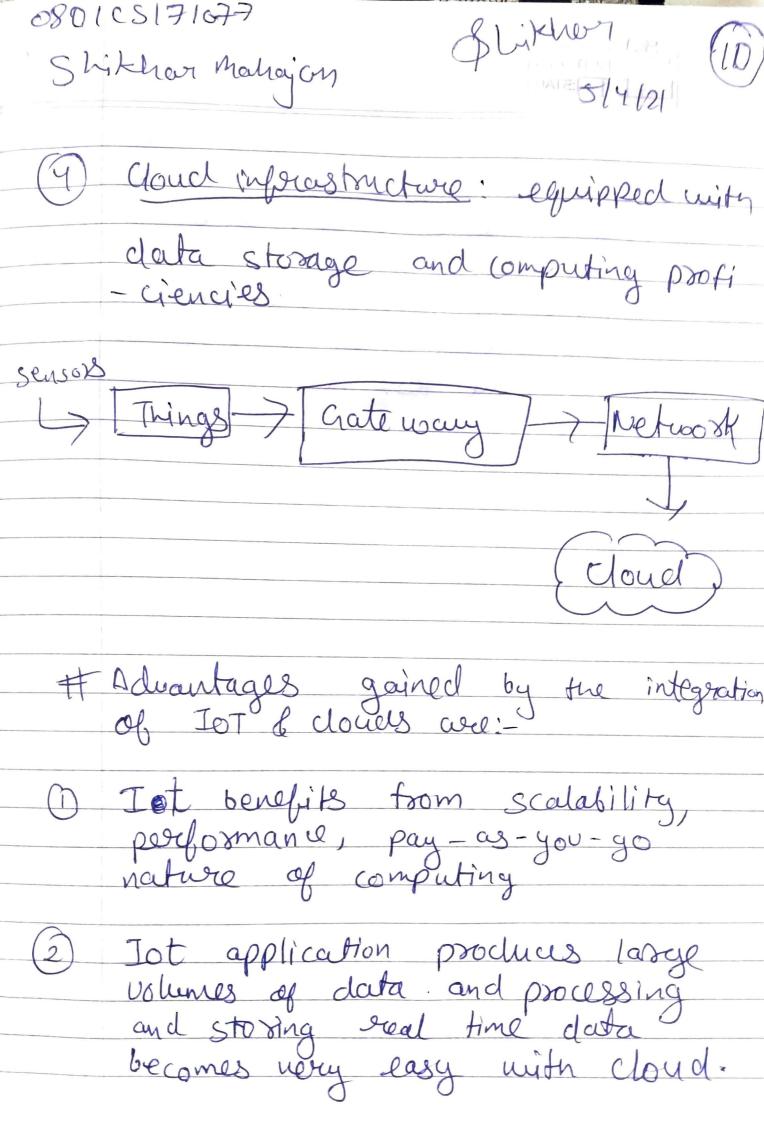
Shillian . 080108171077 Shilkhar Mahajan Answer Advantages of Mobile computing. (1) Backup and Recovery As all the data is stored to the cloud platform which stores ito in the fault tole source manner Real time availability of desty multiple plat form support : easily access any application stored in doud. Cons. -Data security users shares their data which might be sensitive and store thom to the cloud. If cloud is not secure might be misused,

0801CS171077 Shiphon 5/4/21 (6) Shikhar Mahajan 2) Connectivity issue: Internet connectivity issues might lead to poor performance 03 Identity and Access Management (IAM) encompasses the components and policies recessary to control and torect user identifies. IAM products provides organisations manageres with tools and technologie for controlling user access to ocitical information within an organisation. It has following components namely: Authentication User Mangement Authorization Ocodential management

080LCS171077 Shipport, Bridging (2) Shikhan Mahey'an A well profound part of Idendity as a service (IDAS)
module is \$50" [Single sign-on]
It helps to implement IAM. 550 is a centralized session and user authentication service in uchich one set of login oredentials. can be used to access multiple application. with one security token [usercome and password pair], you can enable and disable user access and other resources.

Overall Power = 30 units Power delivered to equipment = 75 units Power usage Overall Power	0801CS171077	Buikhar - 5/4/21
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Fourer usage Overall Former Effectiveness = Power delieuered PUE = 30 = 1.2 75	formular = 75	uni 18
PUE = 90 = 1.2 75	Effectiveness =	Pourer detienered
75		,
Auswill : [0° a PUE = 102		
	Augullet : [00 a F	UE = 1.02

Button 05/4/21 (3) 0801 CSI 71677 Stikher Mahayan Answer: 4 building blocks of Ior D' Crateway: - gateway block is used for connectivity block between things of "hetworks" Things: These are the concentrated areas where the data is collected through the sensous or the actuators Networks infrastructure: kdo These blocks provides the control over the information provided and allows sewe flow of it.



0861C317677 Shippor 1 S /4 /24 Shikhor Merhayon on domand scaling for sweet time large churk of data becomes very easy and officient. morequer, their are mose oppostunities of data backeup in cose me loss it.