Module02

1. Reference model……………Is an abstract framework for understanding significant relationships among the entities of some environment.

2. …physical layer………………………Foundation layer of the cloud infrastructure

3. Specifies entities that operate at physical layer compute system……….. , ...network devices................. , and …storage devices……...

4. What is Functions of physical layer?
   Excuite requests generated by virtualization and control layer

5. Specifies entities that operate at virtual layer virtualization software……….. , ..resource pools................. , and …virtual resources…………

6. What is Functions of virtual layer?

   Abstract physical resources and make them appear as a virtual resources

7. What is Functions of Control layer?
   Enables resources configuration and resources pool configuration
   Enables resources provisioning

8. Specifies entities that operate at Orchestration layer …orchestration software……..

9. What is Functions of Orchestration layer?

   Provides workflows for executing automated tasks
   Interacts with various entities to invoke provisioning tasks

10. Specifies entities that operate at Service layer …service catalog…….. and …self service portal………

11. What is Functions of Service layer?
    Stores information about cloud services in service catalog and presents them to consumer

12. Cross-layer functions of cloud computing reference model ……….. , ... , and ……………

13. Security Layer Specifies the adoption of…administrative mechanism…………,and…security and personal policies…

14. Service Management Layer Specifies adoption of activities related to…service portfolio management………,and…service operation management………

15. What is the difference between Greenfield and brownfield deployment options?

16. What are Factors to consider while building a cloud infrastructure?
 1-integrating best of breed cloud infrastructure components
 2-Cloud ready converged infrastructure

17. Governance is the active distribution of decision making rights……… and
    accountability among different stakeholders in an organization.

18. …finance……………..Determines the price (or chargeback) that a service consumer
    is expected to pay to meet the provider's business goals.

19. What is finance Chargeback Models ?
   1-pay as you go
   2-Subscription by time
   3-Subscription by peak usage
   4-Fixed cost or pre pay
   5-User based

20. …service level agreement……. A contract negotiated between a provider and a
    consumer that specifies various parameters and metrics such as cost, service
    availability, maintenance schedules, performance levels, service desk response time,
    and consumer's and provider's responsibilities.

21. What is Key points that must be included in a legal contract?
  1-Business level policies such as data privacy, data ownership, security.
  2-Availability and performance metrics.
  3-Exit plan, and penalties for not meeting SLA
  4-How unexpected incidents and prolonged service outage will be handled.

22. Vendor lock-in…..A situation where a consumer is unable to move readily from the
    current provider to another.

23. Software Licensing Concerns Typically, relevant to …iaas…………..and
    …paas……….models

24. Two application migration strategies are forklift……,and...hybrid migration
    strategy...............