1. **Write notes on : Cloud computing, Cloud computing delivery models and   
   services, Ethical issues and Cloud vulnerabilities  
     
   2. What do you mean by : Cloud computing at Amazon, Cloud computing the   
   Google perspective and online services   
     
   3. Explain the following :- Open-source software platforms for private clouds,  
   Cloud storage diversity and vendor lock-in and ecological impact   
     
   4. What do you mean by Service level agreements, User experience and   
   software licensing.**
2. **Explain : Challenges of cloud computing, Architectural styles of cloud computing   
   2. Explain :: Coordination of multiple activities, Coordination based on a state machine model:   
   3. What do you mean by The Map Reduce programming model and Cloud for science and engineering   
   4. Give details on : High-performance computing on a cloud, Cloud computing for  
   Biology research and Social computing,   
   5. How digital content and cloud computing are related ?   
   6. Explain : Layering and virtualization, Virtual machine monitors, Virtual Machines   
   7. What do you understand by : Performance and Security Isolation,   
   8. How do you implement : Full virtualization and para virtualization, Hardware support for  
   virtualization with some case study ?   
   9. What do you know about : Optimization of network virtualization, vBlades,   
   10. Explain :Performance comparison of virtual machines, The dark side of virtualization   
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3. **Explain : Policies and mechanisms for resource management, Application of control theory   
   to task scheduling on a cloud   
   2. Give details on : Stability of a two-level resource allocation architecture, Feedback control  
   based on dynamic thresholds, Coordination of specialized autonomic performance managers   
   3. Give utility-based model for cloud-based Web services   
   4. What do you mean by Resourcing bundling and Combinatorial auctions for cloud resources   
   5. Explain Scheduling algorithms for computing clouds, Fair queuing, Start-time fair queuing,   
   Borrowed virtual time   
   6. Give details on Cloud scheduling subject to deadlines, Scheduling Map Reduce applications   
   subject to deadlines, Resource management and dynamic scaling   
   7. What are Cloud security risks, The top concern for cloud users, Privacy and privacy impact assessment   
   8. What do you mean by : Operating system security, Virtual machine Security, Security of   
   virtualization and Security risks posed by shared images, Security risks posed by a management OS   
   9. Explain : A trusted virtual machine monitor, Amazon web services: EC2 instances, Connecting   
   clients to cloud instances through firewalls   
   10. What are Security rules for application and transport layer protocols in EC2, How to launch  
   an EC2 Linux instance and connect to it ?   
   11. How to use S3 in java, Cloud-based simulation of a distributed trust algorithm   
   12. What do you mean by : , A cloud service for adaptive data streaming, Cloud based optimal FPGA synthesis**