M. Sc. Software Technology 3rd Semester

IT3FPHC600: Cloud Computing and Amazon Web Services

SAMPLE QUESTIONS:

UNIT – I

1. Discuss the vision of cloud computing.

2. Define Cloud computing. Discuss the terms Abstraction and Virtualization in context of cloud computing.

3. Define Capacity planning. Explain with its different types.

4. Explain briefly: a. Cost reduction   b. Organizational Agility

5. Differentiate Clustering and Grid Computing in context of Technology Invovations.

6. Mention and explain any five basic terms of Cloud computing.

7. Define Scaling. Explain its types.

8. Explain the Goals and benefits of Cloud Computing.

9. Explain the different challenges of Cloud Computing.

10. Explain the different characteristics of Cloud Computing.

11. Explain briefly the different delivery Models of Cloud Computing.

12. Explain briefly the different deployment Models of Cloud Computing.

13. Define Virtualization. Explain the several phenomena's which made Virtualization popular.

14. Explain the terms and roles of Guest, Virtualization layer and Host in context of Virtualization using a diagram.

15. Discuss the different features of Virtualization environment as Managed execution.

16. Explain the Machine reference model for Virtualization with relevant diagram.

17. Define Hypervisors. Explain the reference architecture of Hypervisor.

18. Explain the different types of Hardware virtualization techniques.

19. Explain briefly a) Storage Virtualization   b) Network Virtualization

20. Discuss the advantages and disadvantages of Virtualization.