

Code No:R4105A

**R10**

**Set No. 1**

**IV B.Tech I Semester Regular/Supplementary Examinations, Nov/Dec - 2015**

**CLOUD COMPUTING**

**(Computer Science and Engineering)**

**Time: 3 hours**

**Max. Marks: 75**

**Answer any FIVE Questions  
All Questions carry equal marks**

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- 1 a) Explain Virtualization. What are the benefits of virtualization? [8]  
b) What is the process of implementing Virtual machines? [7]
- 2 a) Explain how the process of cloud computing was evolved through the years. [8]  
b) What is the purpose and benefits of cloud computing? [7]
- 3 a) What are the factors influencing the adoption of Cloud Computing? [8]  
b) What are the advantages that organization derives when moved to cloud? [7]
- 4 a) What are factors that need to be considered regarding security of your data between traditional data centres and Cloud data centres? [8]  
b) Explain and compare the differences between traditional DMBS and DBMS in the cloud. [7]
- 5 a) Define *Database as a Service (DaaS)* with an example. [8]  
b) What are the challenges of running a database as a service? [7]
- 6 a) What are the different cloud computing models? Explain them in details. [8]  
b) What are the variety of Cloud infrastructure Models? [7]
- 7 a) Explain Disaster recovery plan. [8]  
b) Explain about configuration data strategy. [7]
- 8 a) Explain service infrastructure & Cloud centres. In what ways they are similar and in what ways do differ? [8]  
b) What are the functions and capabilities of Clouds? What are the characteristics of private cloud, hybrid cloud and public cloud? [7]

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Set No. 2

IV B.Tech I Semester Regular/Supplementary Examinations, Nov/Dec - 2015

## CLOUD COMPUTING

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

Answer any FIVE Questions

All Questions carry equal marks

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- 1 a) Explain the difference between multi tasking, multi threading and Virtualization. [8]  
b) Explain the real time scenarios where virtualization is used. [7]
- 2 a) What are the common characteristics of Cloud computing? [8]  
b) Explain Cloud Architecture in detail. [7]
- 3 a) What are the challenges for licensing software in cloud computing? [8]  
b) How do you estimate the availability of the cloud system? [7]
- 4 a) What is host security? How is it useful in securing your data in the cloud? [8]  
b) What are the main security issues that need to be addressed before moving into cloud? [7]
- 5 a) Write a short note on "Database as a Service". [8]  
b) What is Storage as a service? What are the advantages of using storage as service when compared to traditional storage? [7]
- 6 a) What are private clouds and Public clouds? What are its significance in today's Digital World. [8]  
b) Explain about *Platform as a Service(PaaS)* and *Infrastructure as a Service(IaaS)* [7]
- 7 a) In what ways recovery point objective governed? [8]  
b) Explain Recovery Point Objective. [7]
- 8 a) Explain the difference and similarities of traditional data centres and Cloud Centres? [8]  
b) What is cloud bridging? Explain anyone of the cloud centre companies. [7]

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**R10**

**Set No. 3**

**IV B.Tech I Semester Regular/Supplementary Examinations, Nov/Dec - 2015**

**CLOUD COMPUTING**

**(Computer Science and Engineering)**

**Time: 3 hours**

**Max. Marks: 75**

**Answer any FIVE Questions**

**All Questions carry equal marks**

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- 1 a) List the differences between virtual server concept and traditional server concept. [8]  
b) Enumerate the major differences and similarities of Cloud vs. Grid Computing [7]
- 2 a) Why Cloud computing important in a digital world? [8]  
b) Explain the different cloud service models. [7]
- 3 a) What are the important factors that provide key incentives for organizations to use cloud computing? [8]  
b) Explain the importance of availability, reliability and performance of the cloud. [7]
- 4 a) What is compromise response? What is the operating procedure to follow when you detect a compromise on your server? [8]  
b) What are the security risks associated with cloud computing? [7]
- 5 a) What is "Process as a Service (Business process Management)" in Cloud Computing? [8]  
b) What are the general benefits and drawbacks of using "Process as a Service"? [7]
- 6 a) What are the benefits of Cloud computing and the challenges. [8]  
b) List the benefits and drawbacks of using "*Platform as a Service*" and "*Infrastructure as a Service*". [7]
- 7 a) What are the different kinds of data that web application use and how are the different backup plans for these kinds of applications? [8]  
b) Explain Recovery time Objective. [7]
- 8 a) Explain the similarities between Go Grid and Traditional data centres. [8]  
b) What are the factors that determine selecting Go Grid and Traditional data centres? [7]

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**R10**

**Set No. 4**

**IV B.Tech I Semester Regular/Supplementary Examinations, Nov/Dec - 2015**

**CLOUD COMPUTING**

**(Computer Science and Engineering)**

**Time: 3 hours**

**Max. Marks: 75**

**Answer any FIVE Questions  
All Questions carry equal marks**

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- 1 a) What is SaaS? Why SaaS is beneficial to organizations? [8]  
b) Explain the difference types of virtualization. [7]
- 2 a) What are the drawbacks and threats of cloud computing? [8]  
b) What is the difference between collaborative computing and cloud computing? [7]
- 3 a) What is SLA? Explain how SLA are important for the organization. [8]  
b) What are the important steps that needs to be followed in preparing SLA's? [7]
- 4 a) Why are Database management systems used in Cloud services? [8]  
b) Explain DBMS is cloud architecture. [7]
- 5 a) What are the benefits and scope of information as a service? What is the role of cloud in Information as service? [8]  
b) Explain the process of transforming data into information and deriving business insights. [7]
- 6 a) Define Testing as a Service (TaaS) with a example. [8]  
b) What does Testing as Services means to a business organization? [7]
- 7 a) What is the rationale behind freezing the database for an instant to create snapshot? Explain the process. [8]  
b) Explain about persistent data strategy. [7]
- 8 a) Explain Go Grid deployment Architecture. [8]  
b) Explain about virtualization system "Xen". [7]

Code No: M0228

**R07**

**Set No. 1**

IV B.Tech I Semester Supplementary Examinations, Nov/Dec - 2015

**ELECTRICAL DISTRIBUTION SYSTEMS**

(Electrical and Electronics Engineering)

**Time: 3 hours**

**Max. Marks: 80**

**Answer any FIVE Questions  
All Questions carry equal marks**

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- 1 a) Explain how the load growth in a distribution system can be obtained. [8]  
b) A distribution substation experiences an annual peak load of 3,500 kW. The total annual energy supplied to the primary feeder circuits is 107 kWh. Find i). the annual average power ii). the annual load factor [8]
- 2 a) Explain basic design practice of secondary distribution system and also discuss about secondary banking. [8]  
b) Draw the one line diagram of radial type primary feeder and mention the factors that influence the selection of primary feeder. [8]
- 3 a) Explain the classification of substations according to design. [8]  
b) What are the advantages and disadvantages of outdoor substation as compared to indoor substation? [8]
- 4 a) Derive the expression for power loss and voltage drop for a non-uniformly distributed load. [8]  
b) A single-phase feeder circuit has a total impedance of  $(3+j6)$ , receiving voltage is 220V and current is  $10 \angle -45^\circ$  A. Determine the power factor of the load and load power factor for which impedance angle is maximum. [8]
- 5 a) What are the objectives of distribution system protection? [8]  
b) What are the advantages and disadvantages of fuses? [8]
- 6 a) Explain the primary and secondary objectives of distribution system protection. [8]  
b) Explain the different types of common faults that occur in an overhead distribution system. [8]
- 7 a) Explain the necessity of power factor control and how it can be achieved through capacitive compensation. [8]  
b) A single phase system supplies the following loads. [8]  
i) Light load of 25 kW at unity power factor.  
ii) Induction motor load of 125 kW at p.f 0.707 lagging.  
iii) Synchronous motor load of 75 kW at p.f 0.9 leading.  
Determine the total kW and kVA delivered system and p.f at which it works.
- 8 a) What are different methods for voltage control? Briefly explain them. [8]  
b) Explain the basic functions of booster transformer and how it increases the line voltage. [8]

Code No: N0525

**R07**

**Set No. 1**

**IV B.Tech I Semester Supplementary Examinations, Nov/Dec - 2015**

**SOFTWARE PROJECT MANAGEMENT**

**(Common to Computer Science & Engineering and Information Technology)**

**Time: 3 hours**

**Max. Marks: 80**

**Answer any FIVE Questions  
All Questions carry equal marks**

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- 1 a) Explain Waterfall model in practice. [8]  
b) How to estimate cost in software economics? Explain the three generations of software economics. [8]
- 2 a) List out important trends in improving software economics. [8]  
b) Write about the top five principles of a modern process. [8]
- 3 a) State and explain the reasons for the failure of conventional and iterative processes? [8]  
b) Define Artifact. Write in detail about Management Artifacts. [8]
- 4 a) Explore the different aspects of Architecture from management perspective. [8]  
b) Draw and explain the workflow of an iteration in workflows of the process. [8]
- 5 Write about  
a) Major milestones  
b) Minor milestones  
c) Periodic status assessments [16]
- 6 a) Write an overview of software project team evolution over the life cycle. [8]  
b) Discuss in brief about Round-Trip Engineering [8]
- 7 a) What are the Management Indicators recommended for a software project? [8]  
b) Illustrate two dimensions of process discriminants. [8]
- 8 a) Discuss Next-generation cost models in brief. [8]  
b) Write about the effect of the overall life-cycle philosophy on the 80/20 lessons learned over the past 30 years. [8]

**Subject Code: B4105/R10**

**IV B.Pharmacy I Semester Regular/Supple. Examinations Nov/Dec. - 2015**

**PHARMACEUTICAL MANAGEMENT**

**Time: 3 hours**

**Max. Marks: 75**

**Answer any FIVE Questions**

**All Questions carry equal marks**

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1. (a) Define business? What are its objectives?  
(b) Discuss the features and evaluation of sole proprietorship and Partnership  
[6+9]
2. (a) What is production/operation management? Write the concept and classification of production system.  
(b) Discuss the concept of operation and mention the differences between manufacturing operations and service operations?  
[8+7]
3. (a) Define work study? Write briefly about its objectives and benefits in production  
(b) Discuss the role of acceptance sampling in total quality management (TQM)?  
[8+7]
4. (a) Importance of distribution channels in business organisations?  
(b) What is marketing Mix? Add a note on functions of marketing  
[8+7]
5. (a) Describe the role of Indian Pharmaceutical Industry in building national health?  
(b) Give the classification and structure of Indian Pharmaceutical Industry?  
[8+7]
6. Write briefly on the following  
(a) Marine Insurance  
(b) Health Insurance  
[8+7]
7. (a) Write in detail about the general principles of medical detailing  
(b) Explain the role of statutory councils governing the profession  
[8+7]
8. (a) Discuss the key steps involved in establishing a pharmacy store?  
(b) Write briefly on the sales promotion in drug store?  
[8+7]

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