



Sanjay Ghodawat University, Kolhapur

2017-18

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

FY M Tech

School of Technology | Department of CS Engineering

Semester I

CCC 507

Cloud Architectures

Max Marks: 100

~~Nov~~ 2017

End Semester Examination (ESE)

Time: 3 Hrs

11 DEC

Instruction for Students: All questions are compulsory.

| | | Marks | COs |
|-----------|--|-------|-----|
| Q1 | Solve any Two | | |
| a) | What is cloud computing? Discuss private, public and hybrid cloud. | 09 | 1 |
| b) | Discuss the role of virtualization to enabling the cloud. | 09 | 1 |
| c) | Explain cloud application availability, performance and security. | 09 | 1 |
| Q2 | a) Discuss the requirements to deploying an application over public cloud. | 04 | 2 |
| | b) Explain process for deploying a web service from inside and outside cloud architecture. | 12 | 2 |
| | OR | | |
| | b) Explain deployment considerations for deploying a web service on cloud architecture. | 12 | 2 |
| Q3 | a) Write a note on cloud economics. | 04 | 3 |
| | b) Discuss tools and technologies used to manage cloud service deployment. | 12 | 3 |
| Q4 | Solve any Two | Marks | COs |
| a) | Discuss cloud application development services. | 09 | 4 |
| b) | How cloud computing application architecture is different from traditional application architecture? | 09 | 4 |
| c) | Explain cloud application development environments for cloud service development. | 09 | 4 |
| Q5 | a) How to improve the total cost of ownership in cloud IT model? | 04 | 4 |
| | b) Explain how to decide if the cloud is right for your requirements? | 12 | 5 |
| | OR | | |
| | b) Discuss best practices for cloud computing. | 12 | 5 |
| Q6 | a) Write a note on economic constraints and business needs for cloud applications. | 04 | 4 |
| | b) How Cloud based service deployment so as to improve the total cost of ownership? Explain. | 12 | 5 |
