

**FACULTY OF ENGINEERING**

B.E. (I.T) VI-Semester (AICTE) (New) (Backlog) Examinations, February/March 2024

**Subject: Cloud Computing (P.E-II)****Max. Marks: 70****Time: 3 Hours**

**Note:** (i) First question is compulsory and answer any four questions from the remaining six questions. Each question carries 14 Marks.  
(ii) Answer to each question must be written at one place only and in the same order as they occur in the question paper.  
(iii) Missing data, if any, may be suitably assumed.

1. (a) What is Multi tenancy.  
(b) Write about the challenges of cloud.  
(c) What are the cloud services offered by Microsoft?  
(d) Write briefly about Amazon web services.  
(e) Define Resource pooling.  
(f) Define Vulnerability with respect to cloud.  
(g) Write a short note on popular cloud storage for developers.
2. (a) Explain the uses and Applications of cloud computing?  
(b) Write briefly about the characteristics of cloud computing.
3. (a) Explain about the service models in cloud computing.  
(b) Discuss about load balancing mechanism in cloud.
4. (a) Discuss in detail about Portability and Interoperability issues related to Cloud computing.  
(b) Draw and explain the model of Content Delivery Network with its advantages.
5. (a) Discuss about Enterprise Custom Applications.  
(b) Write a short note on cloud computing Ecosystem.
6. (a) Explain about Scaling in the cloud.  
(b) Discuss about Capacity Planning in cloud computing.
7. (a) Illustrate Security issues in cloud computing.  
(b) Differentiate between SOAP and REST web services

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