KUMARAGURU
college of technology
character is life

MCA DEGREE EXAMINATIONS: APRIL 2015

(Regulation 2009)

Fifth Semester

MASTER OF COMPUTER APPLICATIONS

MCA542: Cloud Computing

Time: Three Hours   **Maximum Marks: 100**

Answer all the Questions:-

PART A (10 x 2 = 20 Marks)

1. What are the advantages of using cloud computing?
2. What are the properties of Cloud Computing?
3. What is Hypervisor in cloud computing and their types?
4. Who shouldn't be using Cloud Computing?
5. What are the most popular web-based office suites applications?
6. What is Zoho Creator?
7. Mention the name of some large cloud providers and databases?
8. What is web conferencing?
9. What are the collaborative features in Facebook?
10. List the popular wiki hosting services.

PART B (5 x 16 = 80 Marks)

11. a)   Assume that in your college had 5 departments are using computer application software's like C programs, VB .Net, MAT LAB, CAD software etc., All the five departments having each 120 candidates are using 6 hours lab per week. Assume that in your college having most powerful internet connection (more than 100 mpbs) both wired and wireless network. Assume that you are the network manager for your college, and whether you prefer private network or public network and which is more reliable? Draw the architecture of the above case study. Explain How to solve the above scenario with suitable solution with minimum cost effective in cloud computing?

b) What do you mean by distributed computing? How it is differ from Cloud Computing with Client Server Computing? What are the disadvantages of using cloud computing?

12. a) Distinguish between private clouds with public cloud? Discuss in detail about various types of services offered by cloud companies.

(OR)

b) Write short note on the following

    i) Software as a Service

    ii) Platform as a Service

    iii) Infrastructure as a Service

13. a) Discuss in detail about various types of companies offered To-Do List in cloud computing. How it is working in cloud computing? Explain.

(OR)

b) How corporate companies are effectively used in cloud computing of schedule, contact list, projects and reports? Explain.

14. a) What are the differences between standalone computer micro soft office suites with google doc word and Zoho Word? What are the various types of facilities offered by the google docs? Explain.

(OR)

b) i) Explain the various types of tools are offered by Cvent Event Management (8) system.

    ii) What are the advantages of using online database in cloud? Explain in detail (8) about cloud database with suitable examples.

15. a) Discuss in detail about evaluating instant messaging and services. How it differ from e-mail communications? What are the future scope of the instant messaging and services?

(OR)

b) Discuss in detail about web conferencing tools with suitable examples.

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