



RNS INSTITUTE OF TECHNOLOGY

Autonomous Institution Affiliated to VTU

Assignment 2: CLOUD COMPUTING

University Question Bank

A compilation of important questions for review

Question 1:

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DEPARTMENT OF COMPUTER SCIENCE ENGINEERING ASSIGNMENT 2 SUBJECT CODE AND
TITLE 21CS72 CLOUD COMPUTING 2021 SCHEME BATCH 2021-25 SEMESTER SECTION VII-AB
FACULTY NAME AND APOORVA MS DESIGNATION DATE OF 18.11.2024 DATE OF
SUBMISSION 23.11.2024 ANNOUNCEMENT Q.No.?**

Answer: It seems you have provided details of an assignment from the Department of Computer Science Engineering at RNSIT in Bengaluru. Let me help you understand the information provided and what might be missing Here's what I understand Institution RNSIT Ramaiah Institute of Technology Department Computer Science Engineering Subject Cloud Computing 21CS72 Scheme 2021 Assuming this refers to the academic year Batch 202125 Semester VII Section AB Faculty Apoorva MS Assignment Number 2 Assignment Due Date 23.11.2024 What's missing The actual assignment questions Q.No. You'll need to include the specific questions from the assignment to get any help with them. To get help with the assignment, please provide the following 1. The complete list of assignment questions Q.No. 2. Any specific instructions or guidance provided with the assignment. Once you provide this



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information, I can assist you in understanding the concepts, finding relevant resources, or even brainstorming potential answers.

Question 2:

Question RBT COs 1 How does cloud computing help to reduce the time to market applications and to cut down capital expenses.?

Answer: How Cloud Computing Reduces Time to Market and Capital Expenses Cloud computing revolutionizes application development and deployment, impacting both time to market and capital expenses in significant ways 1. Faster Time to Market Preconfigured Infrastructure Cloud providers offer readytouse infrastructure servers, storage, networking that eliminates the need for lengthy setup and configuration. This allows developers to focus on building and deploying applications quickly. Rapid Scaling Cloud resources can be scaled up or down on demand, enabling developers to quickly adjust infrastructure based on application needs and user traffic. This eliminates the risk of overprovisioning or underprovisioning, leading to faster release cycles. Simplified Deployment Cloud platforms provide tools and services for automated deployment and management of applications, reducing manual intervention and deployment time. Faster Development Cycles Cloudbased development environments provide access to a wide range of tools, libraries, and services, allowing developers to build and test applications more efficiently. 2. Reduced Capital Expenses Payasyougo model Cloud services are typically billed based on usage, eliminating the need for upfront capital investments in hardware and software. This allows businesses to optimize their IT spending and avoid unnecessary expenditure. Elimination of Onpremise Infrastructure Cloud computing eliminates the need for physical infrastructure, such as servers, data centers, and network equipment.



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This reduces the costs associated with maintenance, power consumption, and space requirements. Reduced Management Costs Cloud providers handle infrastructure management tasks like security, patching, and backups, freeing up internal IT resources to focus on strategic initiatives. Cost Optimization Cloud services offer flexible pricing models and resource optimization tools, enabling businesses to control their IT expenses effectively. Overall, cloud computing offers a significant advantage by Eliminating infrastructure barriers Businesses no longer need to invest in expensive hardware and software. Providing ondemand scalability Resources can be adjusted quickly based on changing needs. Enabling rapid deployment and development Focus can be shifted from infrastructure management to application development. This leads to faster time to market, reduced capital expenses, and improved business agility.

Question 3:

Course Coordinator Module Coordinator Program Coordinator HOD 1?

Answer: This appears to be a list of positions within an educational institution, likely a university or college. Let's break down what each role typically entails

1. Course Coordinator
Focus Specific individual courses. Responsibilities Managing the logistics of a course, including scheduling, room assignments, and textbook ordering. Communicating with instructors and students about course details. Handling student enrollment and registration. Providing support for instructors with administrative tasks. May handle grading and evaluation processes for the course.
2. Module Coordinator
Focus A collection of related courses or a specific academic module within a program. Responsibilities Ensuring the coherence and flow of courses within the module. Coordinating with instructors of different courses within the module to ensure



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alignment. Overseeing the overall learning objectives and assessment within the module. May handle some administrative tasks related to the module.

3. Program Coordinator Focus An entire academic program, such as a bachelor's degree or a certificate program. Responsibilities Overseeing the overall curriculum and academic structure of the program. Handling admissions and recruitment for the program. Providing academic advising and support to students. Coordinating with faculty members across the program. Managing program resources and budget.

4. HOD Head of Department Focus An entire academic department within the institution. Responsibilities Leading and managing the department's faculty, staff, and resources. Setting academic direction and strategy for the department. Overseeing research and teaching activities within the department. Representing the department to the institution's administration and external stakeholders.

Hierarchy Generally, the roles would have a hierarchy like this HOD Head of Department the most senior position. Program Coordinator reporting to the HOD or directly to the Dean. Module Coordinator often reporting to the Program Coordinator. Course Coordinator usually reporting to the Module Coordinator or directly to the Program Coordinator. Note The exact structure and responsibilities of these positions can vary depending on the size and structure of the educational institution.