

**fVelagapudi Ramakrishna Siddhartha Engineering College::Vijayawada**

(Autonomous)

III/IV B Tech Degree Examinations

Six Semester

Department of Information Technology

20IT6301:CLOUD COMPUTING

**VR20**

Time:3Hrs

**MODEL QUESTION PAPER**

Max Marks:70

Part – A is Compulsory

Answer one (01) question from each unit of Part – B

Answers to any single question or its part shall be written at one place only

**Cognitive Levels(K): K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create**

Q. No	Question		Marks	Course Outcome	Cog. Level
Part - A			10X1=10M		
1	a	What is the need for cloud computing?	1	CO1	K1
	b	Mention any two applications of Data Storage?	1	CO1	K2
	c	Write about Python Django.	1	CO2	K1
	d	What is the purpose of using XAMPP protocol?	1	CO2	K2
	e	Mention any two cons of Software plus service.	1	CO3	K1
	f	List Google Apps premier edition unique features.	1	CO3	K1
	g	What are the features of SOAP?	1	CO3	K4
	h	Specify some benefits of Virtualization.	1	CO4	K2
	i	Mention two real-life applications of cloud computing.	1	CO4	K3
	j	What do you mean by thin clients?	1	CO4	K1
Part - B			4X15 =60M		
UNIT - I					
2	a	Explain in detail about cloud components.	8	CO1	K1
	b	Explain the security concerns in cloud computing.	7	CO1	K4
(OR)					
3	a	Define cloud computing? Explain when it can be used.	7	CO1	K2
	b	Discuss briefly about limitations of cloud computing.	8	CO1	K4
UNIT – II					
4	a	List and explain about various web browsers in detail.	8	CO2	K2
	b	Summarize the web application framework in cloud platform.	7	CO2	K3
(OR)					
5	a	Explain design principles and working of Amazon S3.	8	CO2	K3
	b	Illustrate the features and requirements of MobileMe.	7	CO2	K4
UNIT – III					
6	a	List out Pros and Cons of Software plus services.	7	CO3	K4
	b	Discuss about Microsoft SQL services.	8	CO3	K2
(OR)					
7	a	Demonstrate the concept of integrating mobile devices to Cloud.	8	CO3	K3
	b	Explain about Driving forces of Software as a Service.	7	CO3	K4
UNIT – IV					
8	a	Summarize about business and consumer applications in cloud computing	8	CO4	K4
	b	Outline the Hyper-V based virtualization technology.	7	CO4	K2
(OR)					
9	a	Identify any of Social networking cloud application and Explain.	8	CO4	K4
	b	Why to use Virtualization for Data Center? Illustrate Objectives of Virtualization.	7	CO4	K4

<b>Designation</b>	<b>Name in Capitals</b>	<b>Signature with Date</b>
<b>Course Coordinator</b>	M.RAMESH	
<b>Module Coordinator</b>	Dr.S.SUHASINI	
<b>Program Coordinator</b>	Dr.G.KALYANI	
<b>Head of the Department</b>	Dr.M.SUNEETHA	

**VELAGAPUDI RAMAKRISHNA**  
**SIDDHARTHA ENGINEERING COLLEGE::VIJAYAWADA**  
(AUTONOMOUS)

Dt.04-01-2023

**GUIDELINES FOR FRAMING MODEL QUESTION PAPER**

The model papers for all subjects in a semester are gathered from the departments whenever a course is offered for the first time adopting new regulation. All the Heads of the Departments are requested to direct their faculty to strictly adhere to the following guidelines while framing the model question papers for the subjects of UG and PG courses in the new curriculum.

1. Questions must be covered unit-wise uniformly as per the syllabus without missing the competency.
2. The question paper shall reflect the ***Bloom's Cognitive Levels of Learning***.  
**Cognitive Levels (K): K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create**
  - ❖ The composition of question paper shall have questions at different complexity levels as listed below:

▪ Questions that can be attempted by an average student (K1 & K2)	40%
▪ Questions of intermediate complexity (K3 & K4)	40-50%
▪ Questions of design and application oriented nature (K5 & K6)	10-20%
3. Question paper is to be set conforming to the OBE pattern clearly mentioning the Course Outcomes and Bloom's Cognitive Levels against each question.
4. The questions are to be set with minimum 2 sub-questions (a) & (b) for each main question to the extent possible covering entire syllabus in the unit.
5. Specify the marks against each question / part of a question in Part B.
6. The figures, if any, may be computer aided or neatly drawn with black pen indicating clearly the values/dimensions.
7. Prepare the one mark questions in only sentence form. Answers to these questions must be unique and having short answers limited to three/four lines.

**PRINCIPAL**