

Name: Enrolment no:		
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES Online End Semester Examination, May 2021 Course: Design and Development of Cloud Applications Semester: 6th Program: B.Tech-CSE-DevOps Time 03 hrs. Course Code: CSVT3010 Max. Marks: 100		
SECTION A 1. Section A, each question carry 5 Marks, Q3 is multiple choice answer type. 2. Section B, each question carry 10 marks. 3. Section C, question no 12 carry 20 mark.		
S. No.	Question	CO
Q 1	SaaS supports multiple users and provides a shared data model through _____ model. A. single tenancy B. multi- tenancy C. multiple instance D. none of these	CO1
Q 2	We know that in Windows OS Google Talk is an example of VoIP service. Which protocol uses such type of service? A. SIP B. Jabber C. Jingle D. All of above	CO2
Q 3	As we know that concurrency in web base application development motivated by improvement in performances, what basic ways will require to improve concurrent execution of web based applications; (multiple choice answers*) <input type="checkbox"/> A. Reduce latency <input type="checkbox"/> B. Hide Latency <input type="checkbox"/> C. Increased throughput <input type="checkbox"/> D. Reduced overhead	CO3
Q 4	Which of the following is not an example of a way in which cloud technology is changing business and its relationship with employees? A. technology cuts waste. B. technology cuts development cycles. C. technology eliminates layers of management. D. technology is breaking down corporate barriers.	CO4
Q 5	In CIA Traid what will be inverse of confidentiality, integrity, and availability? A. misuse, exposure and destruction B. authorization, non-repudiation and integrity C. disclosure, alteration and destruction D. confidentiality, integrity and availability	CO5
Q 6	Which of the following entity require in authorization access? A. Token Serial Number	CO5

	B. User ID C. Password D. Session ID	
SECTION B		
1. Each question will carry 10 marks		
2. Instruction: Write short / brief notes		
Q 7	Explain, how concurrency lock issues achieved in Cloud computing platform?	CO1
Q 8	Discuss about Localization and internationalization of mobile application with proper illustration and justification.	CO2
Q 9	Explain about Cloud Object Storage operation with justified examples.	CO3
Q 10	Explain MVC architecture model with suitable example.	CO4
Q 11	Describe key component of Amazon OTT platform?	CO5
Section C		
1. Each Question carries 20 Marks.		
2. Instruction: Write long answer.		
Q 12	Discuss about functionality of OAuth 2.0 for Web service? How does open authorization framework works? Point out major advantages of OAuth 2.0.	CO5