

Name: Enrolment No:			
End Semester Examination, May 2023			
Course: OSS Standards and Development Methodology Semester: 6 Program: B.Tech. DevOps/AI ML/CCVT Course Code: CSOS3014P Instructions: Answer all the question in the sequence given.		Time : 03 hrs. Max. Marks: 100	
SECTION A			
Q. No.	Question	Marks	CO
1	Define, compare and tabulate the open source and closed source system with its five property.	4	CO1
2	Identify and list the need for Version control systems. Give some example for them.	4	CO4
3	Mention the founders of the following A. Free software Foundation B. OSI C. The Cathedral and the Bazaar D. The Mythical Man-Month, Brooks' Law Mention the author of the below given quotes. E. “Starting this Thanksgiving I am going to write a complete Unix-compatible software system called GNU (for Gnu's Not Unix), and give it away free to everyone who can use it. Contributions of time, money, programs and equipment are greatly needed.” F. “As the number of programmers working on a project rises (to n), the work that gets done scales at best by n—but vulnerability to bugs scales as the square of n.”	4	CO1
4	State Brooks’ Law.	4	CO4
5	Sketch the scrum framework with the various elements in it.	4	CO3
SECTION B			
6	List and explain the OSS Project Norms as per OSI extract of Open source definition.	10	CO2

7	Discuss the Principles of the Agile Manifesto.	10	CO3
8	Discuss on the facts why organizations opt for open source standards with suitable examples.	10	CO1
9	Explain the various Levels of Agile Planning with relevant diagram. OR Demonstrate a project development with the various Documents related to Scrum Methodology.	10	CO3
SECTION-C			
10	a) Explain the history related to the development of Apache Web Server. b) List and explain the various roles specified by ASF with respect to meritocracy. OR a) Discuss on the various documents you need to prepare if you are creating the project in GitHub and calling for contributions. b) Specify the license you will be opting and justify for the selection.	2*10 = 20	CO2
11	a) State and discuss Brooks' Law. b) List the various eminent persons who are supporters of Bazaar and Cathedral Model & Community driven ecosystem. c) Discuss in detail on the Bazaar and Cathedral Model & Community driven ecosystem.	5+5+10 = 20	CO4