Roll No.												

PRESIDENCY UNIVERSITY
BENGALURU

School of Computer Science and Engineering

Mid - Term Examinations - November 2024

Semester: VII
Date: 05/11/2024
Course Code: CSE3051
Time: 09.30am to 11.00am
Course Name: System Monitoring
Max Marks: 50
Program: CSE(CDV)
Weightage: 25%

Instructions:

(i) Read all questions carefully and answer accordingly.
(ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks. **5QX2M=10Marks**

1	What is the procedural approach to system monitoring?	**2 M**	**Remember**	**CO1**
2	List the key components in System Monitoring.	**2 M**	**Remember**	**CO1**
3	What is "release-it-when-it's-ready" anti-pattern?	**2 M**	**Remember**	**CO2**
4	What is the feedback process?	**2 M**	**Remember**	**CO2**
5	Draw the key stages in a typical deployment pipeline?	**2 M**	**Remember**	**CO2**

Part B

Answer ALL Questions. Each question carries 10 marks. **4QX10M=40Marks**

6	How do you ensure scalability when building a monitoring infrastructure for large-scale systems?	**10M**	**Understand**	**CO1**
	or			
7	Discuss the importance of setting baselines and thresholds in a procedural approach to system monitoring.	**10M**	**Understand**	**CO1**

8	Explain how predictive analytics will shape the future of anomaly detection in proactive system monitoring.	**10M**	**Understand**	**CO1**
	or			
9	Compare and contrast reactive vs. proactive failure prevention strategies. Which is more effective and why?	**10M**	**Understand**	**CO1**
10	Evaluate the importance of proper configuration and customization of monitoring tools in minimizing errors.	**10M**	**Apply**	**CO2**
	or			
11	What is the relationship between feedback and team collaboration in automated releases?	**10M**	**Understand**	**CO2**
12	Discuss the key principles of effective software delivery and how they improve the development process.	**10M**	**Understand**	**CO2**
	or			
13	Compare the recovery process after a failed deployment in manual versus automated environments.	**10M**	**Understand**	**CO2**