



RAN-2311000501040003

F.Y. M.Sc. (CA) (Sem.- I) Examination November - 2025 Web Development Operations (TH) (Paper - 104-01)

Time: 1 Hour]

[Total Marks: 25

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book

Seat No.:

Student's Signature

Q.1. Answer the following.

[8]

A. (MCQs)

[4]

- What does DevOps primarily aim to achieve?
 - Faster coding speed only
 - Collaboration between Development and Operations
 - Elimination of all testing phases
 - Replacement of Agile methodology
- Which of the following best describes the DevOps lifecycle?
 - Coding → Debugging → Deployment
 - Plan → Code → Build → Test → Release → Deploy → Operate → Monitor
 - Requirement → Design → Deploy → Retire
 - Only Deployment and Monitoring
- Which of the following is a build automation tool?
 - Jira
 - Maven
 - Splunk
 - Git
- Jenkins primarily helps in
 - Continuous Monitoring
 - Continuous Integration
 - Database Management
 - Version Control

B. Answer any four. (objective type questions)

[4]

- What does CD stand for in CI/CD?
- What is DevOps?
- Which language does Ansible use for configuration files?
- Name one tool used for log monitoring in DevOps.
- What is the use of roles in Ansible?
- What is Jenkins?

Q.2. Answer the following

[12]

- A. DevOps architecture and life Cycle.

[7]

OR

- A. Write Detail note on DevOps Tools.

[7]

- B. Discuss Agile vs DevOps.

[5]

Q.3. Answer the followings (any one).

[5]

- A. Explain Ansible with its purpose and uses.
 - B. Write detail note on feature, application and advantages of Jenkins
 - C. Write detail note on CI/CD Pipeline.
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