Scenario: The DevOps cross cutting Concerns refers to the aspects of that multiple stages of the software development & operations lifecycle are may an impact they ensure that efficiency, performance, security, scalability & maintainability across the devetps pipeline According to you, write about the cross-cutting Concerns In devops need to be addressed with the multiple stages.

Devops → It is a set of practices, Tools & cultural philoshopy that integrate

⤷ government, geographical

S/f development (Devs) & operations (OPS) to shortent the development lifecycle while ensuring high s/f quality.

Key principles:

1) Collaboration & Communication → Team work.

2.) Automation → testing. deployment

3) Continuous Integration → Automatic Development

4) Continuous Delivery → Interms of production.
5.) Monitoring & Feedback. → Real time performance.

Devops Tool:
1) Crockal.
2.) Kubernetics.
3.) AWS.
4.) Azure
5.) github. 6) google cloud.

Cross cutting edge → x & y axis.
↓
ex.

1) security → OTP.
2) Compaliance & Grovernance → Interms of
                                              government
                                regulatory ∧ conditions
                                     Tiktok.
3.) Observability & Monitoring
                    └ when you login.
4.) scalability, Performance, Avalaibility.

5.) Configuration & infrastructure host.

Different
phases in devops lifecycle:

1.) plan → continuous & collaborative work.
               tool jera, Agile, Scrum.
2.) Development → Continuous Development &
                                 version control.
                 ex git, githubs gitlab.

3.) Build → Continuous Intergration.
  git lab.

4.) Testing → Continuous Testing & Quality
  Assurance.

  Ext Selenium, junit, OWSP.

5.) Release → Continuous Development.

  Ext github.

6.) Deploy ⌐
  Continuous Delivery & Automation.

  Ext docker, set kubernets, Ansible
  tool.

7.) operate & Monitor (Feedback)
  Security, performance, scalability.
  Ext Data log, stack.