

Pharmacy Department Design for a 300-bed Hospital

Experiment 5 - Practical Notes

Name: _____ Roll no.: _____ Date: _____

Aim

To complete the pharmacy department design for a 300-bed hospital activity and document a justified outcome.

Principle

The size of the hospital is a scenario input. Pharmacy planning depends on services, workload, safe flows, storage and staffing rather than bed count alone.

Requirements

- Institution-assigned hospital scenario, approved policy documents or coded records.
- Activity form, calculator where required and supervising pharmacist.

Procedure

1. Define scope

List inpatient/outpatient service, operating hours, dispensing model, clinical services and any approved manufacturing scope.

2. Draw zones

Sketch receiving/quarantine, approved storage, dispensing, counselling, offices, information service and controlled preparation areas where included.

3. Map movement

Show medicine, staff, waste and patient flows; avoid crossing clean preparation and contaminated return flows.

4. Plan controls

Specify secure access, cold-chain monitoring, stock rotation, emergency supplies and responsibility.

5. Justify

Explain each adjacency and identify the workload information needed before assigning actual areas or staffing.

Observations and Record

Record component	Entry
Scenario and services	_____
Zones / adjacency sketch	_____
Medicine and patient flow	_____
Storage and access controls	_____
Workload / staffing assumptions	_____

Result

Activity / case code: _____. Finding: _____. Proposed action: _____. Review outcome: _____.

Precautions

- Use supplied records or the authorised local workflow; do not invent approvals or completed work.
- Protect patient and institutional confidential information.
- Keep a proposed student action distinct from an approved operational decision.

Viva Questions and Answers

1. Why document the basis of a decision?

It permits review of the evidence, responsibility and outcome.

2. What does the supervisor review?

The suitability of the proposed action and whether the record supports the conclusion.

Suggested Zone Checklist

Zone	Planning purpose
Receiving and quarantine	Inspect deliveries and hold unreleased materials separately.
Approved storage	Organise by product requirements, expiry and access control.
Dispensing and final check	Support order processing, preparation, checking and handover.
Patient counselling	Provide a suitable private conversation space.
Preparation areas, if approved	Separate required controlled environments from routine traffic.
Clinical / information work	Provide access to records and communication with care teams.

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