First Hope

COMPLETE NOTES

Click here to visit our website

PHARMACY PRACTICAL NOTES

Complete subject and semesters are available on FirstHope app only.

Scan or click here

Click here to get the app >

Available on Google Play

JOIN THE FIRSTHOPE COMMUNITY

Join our Telegram channel

Click here to join Telegram >

Scan or click here

@FirstHopeNotes

Instagram

@firsthope.official

Click here to follow >

YouTube channel

FirstHope-Pharmacy / Live streams

Click here to watch >

WhatsApp channel

Follow FirstHope on WhatsApp

Click here to join >

FirstHope website

firsthope.co.in

Click here to visit >

B.Pharm / D.Pharm / M.Pharm / Pharm.D

Complete subjects and semesters are available in the FirstHope app.

Good Laboratory Practice - Four Case Studies

Practical 2 - Regulatory documentation practical

Aim

To investigate four cases under the assigned good-practice framework.

Principle

GMP, nonclinical GLP, computerised-laboratory data controls and GDP cover different activities. Apply the relevant legal scope and quality system rather than treating the acronyms as interchangeable certifications.

Materials and Requirements

- Fictional product or study case and controlled document templates
- Current official requirements for the specified jurisdiction and product category
- Requirement-to-evidence and gap-assessment worksheet
- Approved method or teaching-data pack and a dated record sheet

Procedure

1. Define the preparation or dataset, study question and method version. Record identities, units and the criteria to be used before examining the outcome.
2. Define product category, intended use, jurisdiction, application type and the date of the regulatory check. Keep this as an offline training exercise with no filing, fees or real applicant information.
3. For each of four cases create a timeline and identify the applicable requirement and affected records.
4. Evaluate immediate risk and containment and gather evidence that can test the proposed cause.
5. Propose specific corrective/preventive actions and a predeclared effectiveness check for each case.
6. Perform an independent consistency and completeness check. Record evidence, gaps, owners and the exact approval or permission still required.
7. Retain the original observations and calculations. State deviations, missing information and the limits of the conclusion; do not replace measured values with expected results.

Observations and Record

Enter actual measurements or the supplied teaching data. Record the method, material identity, conditions and units.

Requirement / dossier element	Document / evidence	Gap / responsible role	Readiness decision
Administrative scope	Identify	Assess	Record
Scientific / quality evidence	Map	Assess	Record
Submission / lifecycle	Validate	Assess	Record

Worked Example

Each assigned case below is fictional. Missing evidence must remain a documented gap; do not manufacture a compliant record retrospectively.

Four GLP case assignments

- 1. Study-plan change without approval: Identify the applicable nonclinical GLP scope, study-director responsibilities and amendment/deviation controls.

• 2. Reference-material identity gap: Trace characterisation, storage and test-system suitability before interpreting study data.
• 3. Missing raw observations: Preserve available source data, assess reconstruction limits and involve the independent quality-assurance function.
• 4. Archive retrieval failure: Evaluate record retention, indexing, access and recoverability against the actual GLP requirements.

Result and Interpretation

• Produce four separate case reports with evidence, impact, actions and closure criteria.
• A complete training checklist is not an authorisation, licence or guarantee of acceptance.

Precautions

• Distinguish scientific content requirements from electronic-publishing rules.
• Recheck current forms, amendments, scope and local requirements at actual filing.
• Do not invent approval numbers, signatures, fees or deadlines.

Viva Questions and Answers

Why define the application type first?

It determines the legal route and required evidence.

Does a valid file format prove scientific adequacy?

Technical validation and substantive review are separate.

Why retain requirement versions?

Regulations and submission specifications can change.

First Hope

COMPLETE NOTES

Click here to visit our website

PHARMACY PRACTICAL NOTES

Complete subject and semesters are available on FirstHope app only.

Scan or click here

Click here to get the app >

Available on Google Play

JOIN THE FIRSTHOPE COMMUNITY

Join our Telegram channel

Click here to join Telegram >

Scan or click here

@FirstHopeNotes

Instagram

@firsthope.official

Click here to follow >

YouTube channel

FirstHope-Pharmacy / Live streams

Click here to watch >

WhatsApp channel

Follow FirstHope on WhatsApp

Click here to join >

FirstHope website

firsthope.co.in

Click here to visit >

B.Pharm / D.Pharm / M.Pharm / Pharm.D

Complete subjects and semesters are available in the FirstHope app.