

Gen AI – Chapter Exam App

User Guide (Release 6.x)

1. Quick Start – Take Your First Exam

This quick start guide walks you through taking your first exam using Exam mode. Follow the steps in order; you should be able to complete your first run in about two minutes.

1. Step 1 – Open the app

Launch the HTML file in a modern browser on your desktop, laptop, or tablet. You will see the title banner at the top and three mode tabs: Exam, Study, and Experiment.

2. Step 2 – Choose Exam mode

Click the Exam tab at the top-left. This mode simulates a real exam: feedback and scoring are shown at the end, not after each question.

3. Step 3 – Pick a chapter

In the Chapters row, select 1, 2, 3, or 4. This determines which chapter's questions will appear in your exam.

4. Step 4 – Confirm exam length

In the Exam length row, choose between Full Exam, which uses the full chapter question bank, and Quick Check (10), which uses a shorter 10-question sample. For your first run, either option is fine.

5. Step 5 – Answer questions

Question 1 appears automatically and the timer in the upper-right starts. Read the question and click an answer choice (A, B, C, or D). Your selection is highlighted. You may change your answer any time before you submit.

6. Step 6 – Move through the exam

Use the Previous and Next buttons at the bottom to move between questions. If you want to revisit a question later, check Mark for review under the question.

7. Step 7 – Submit and review results

When you are satisfied with your answers, click Submit. The app locks in your responses, calculates your score, and updates your analytics. After submitting, you can open the Analytics view to see how you performed and how this session affects your overall progress.

2. Modes Deep Dive

2.1 Exam Mode

Exam mode is designed to feel like a real test environment. You choose a single chapter and exam length, then work through the questions without seeing answers or explanations until the end.

Why use Exam mode:

- To practice under realistic conditions.
- To focus on pacing and endurance.
- To obtain a clean score that is not influenced by mid-exam feedback.

Key behaviors in Exam mode:

You do not see whether each question is correct while answering. Explanations remain hidden so that you stay focused on finishing the exam. Navigation is controlled through Previous and Next, and you can flag items using Mark for review. The Review Marked toggle lets you focus only on flagged questions before you submit. When you press Submit, the app calculates your score, saves the session, and incorporates the results into your analytics and streaks.

2.2 Study Mode

Study mode is optimized for learning and understanding rather than strict assessment. It uses the same chapters and exam-length controls as Exam mode but adds instant feedback and explanations.

Why use Study mode:

- To see whether you are correct while you practice.
- To read explanations that clarify why an answer is right or wrong.
- To work with recommendations that direct you to the next best session.

Key behaviors in Study mode:

After selecting an answer, you can click Check Answer. The app highlights the correct option and reveals an explanation panel under the question. Click Check Answer again to hide the explanation and continue practicing. Mark for review works the same as in Exam mode. In Study mode, a Suggested session pill may appear under the exam controls. Clicking this pill shows a recommendation card that proposes a mode, chapter, difficulty level, and exam length based on your past performance and goals. You may apply the suggestion, which reconfigures the controls automatically, or dismiss it for the current page load.

2.3 Experiment Mode

Experiment mode is for running controlled practice sessions. It allows you to combine multiple chapters and choose the session size, then observe how those choices affect your performance and pacing.

Why use Experiment mode:

- To mix questions from several chapters into a single session.
- To try different session sizes and see how they influence your accuracy and fatigue.
- To explore custom practice configurations before committing to a full study plan.

Key behaviors in Experiment mode:

At the top of the screen you select one or more chapters and a session size such as 10, 20, or 30 questions. When you click Build Experiment Session, the app generates a new question set that matches these settings. The question interface looks similar to other modes, and the resulting sessions are labeled as Experiment in the Analytics dashboard so that you can compare them against Exam and Study runs.

3. Interface and Controls

This section describes each part of the on-screen interface and explains what happens when you interact with it. Use it as a reference while working in the app.

3.1 Top Bar and Global Controls

Mode tabs (Exam, Study, Experiment): selecting a tab changes the active mode. All questions you answer and sessions you submit while that tab is active are recorded under that mode in the analytics.

Chapter selector (1, 2, 3, 4): choosing a chapter controls which question bank the app uses. In Experiment mode you may select more than one chapter for a mixed session.

Exam length (Full Exam / Quick Check 10): this control sets how many questions appear in the session. Full Exam uses the complete chapter bank, while Quick Check (10) limits the session to ten questions for a short diagnostic.

Timer (top-right): the timer shows the elapsed time since the current session started. It continues counting while you move among questions and stops when you submit.

3.2 Suggested Session Strip (Study Mode)

In Study mode, a small Suggested session pill may appear under the exam controls once the app has enough data from your previous sessions. Clicking the pill opens a recommendation card that describes a proposed next session, such as "Study mode, Medium difficulty, Quick Check (10)." The card explains why this configuration is recommended, referring to items like your accuracy, difficulty performance, practice streak, and section focus goals.

If you click Apply, the app updates the mode, chapter, difficulty, and exam-length controls to match the recommendation and then hides the card. If you click Dismiss, the card and pill disappear for the remainder of the page load, though you can still see the recommendation details in the Goals and Recommendations area of the Analytics dashboard.

3.3 Question Card

Question number: at the top of the card, the app shows your position in the session, such as “1 / 30,” so you always know how far you have progressed.

Question text: this is the main prompt you need to answer. Read it carefully before selecting an option.

Difficulty label: on the right side of the card, a pill displays the difficulty level (Easy, Medium, or Difficult). This label feeds into the difficulty analytics and recommendations.

Answer options: the possible answers are listed as choices A, B, C, and D. Click one to select it; the selected option is highlighted. You can change your selection at any time before submission.

Explanation panel (Study mode only): when you click Check Answer in Study mode, an explanation panel appears below the answers. It confirms the correct choice and describes why each option is correct or incorrect. Clicking Check Answer again hides this panel.

3.4 Footer Controls and Tools

Mark for review: this checkbox flags the current question so that you can easily return to it.

Marked questions are tracked for behavior insights and are the focus of the Review Marked view.

Previous: moves to the preceding question in the session. The button may be disabled when you are on the first question.

Next: moves to the next question in the session. If you are on the final question, the behavior depends on the mode and configuration, but you generally remain able to review before submitting.

Check Answer (Study mode): toggles explanation view for the current question. When turned on, the app shows whether your selection is correct and reveals the explanation panel. Clicking the button again returns you to the normal practice view so that you can continue working through the session.

Review Marked: switches the question list between two views. In the normal view, you can move through all questions. In the Review Marked view, the app shows only the questions that you have flagged with Mark for review. This is especially helpful near the end of a session when you want to focus on uncertain items before submitting.

Analytics: opens the Analytics dashboard overlay. The dashboard summarizes your performance history, including overall accuracy, pace metrics, difficulty breakdown, review and behavior patterns, section mastery, and progress toward goals. Closing the dashboard returns you to the current question without affecting your session.

Submit: ends the current session. When you click Submit, the app locks your answers, computes your score for the session, updates your aggregated analytics, and refreshes any recommendations. Use this button only when you are finished reviewing all questions you want to answer.