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**PREMIUM
EDITION**

STUDY SMART, PASS STRONG

A Practical Guide to **Exam Success**

for Tertiary Students
in Ghana



Better
Study Habits



Efficient
Time Management



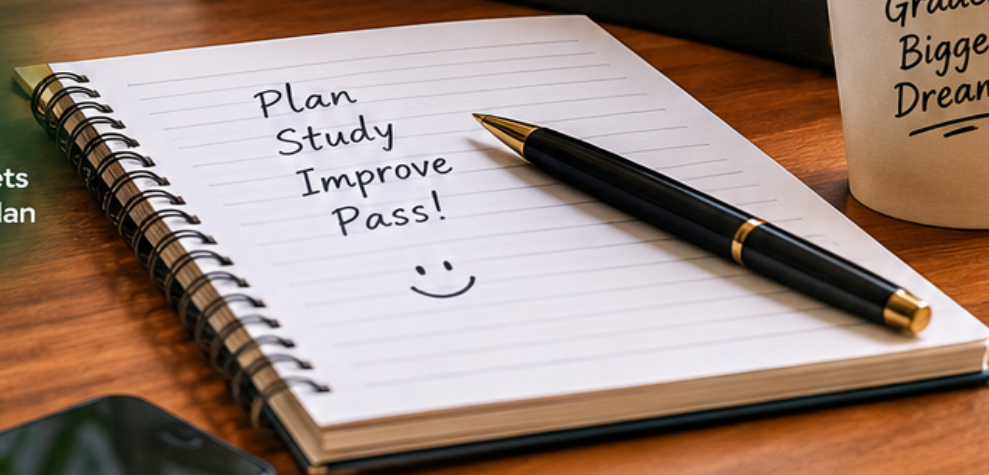
Memory
Techniques



Exam Preparation
Strategies



Practical Worksheets
& 7-Day Revision Plan



By

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STUDY SMART, PASS STRONG

A Practical Guide to Exam Success for Tertiary Students in Ghana

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Educational note: This book provides general study and exam-preparation strategies. It does not guarantee a particular grade and does not replace course materials, lecturer guidance, institutional rules, or professional support where needed.

First edition: 2026

Published by Eben Digital Hub

Dedication

For every student who has looked at a difficult course, felt behind, or wondered whether they could do better. Your current results do not have to define your next steps. Learn the method, practise it consistently, and give yourself a fair chance to improve.

A note to the reader

This book is written for university and other tertiary students in Ghana, but many of the methods can be adapted by learners elsewhere. Use it actively: write in the worksheets, test the ideas against your real courses, and change the plan when your schedule or needs change.

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How to Use This Book

This is a practical book, not a book you need to finish in one sitting. Each chapter explains a method, shows how to apply it, and gives you a task. The strongest results come when you use the ideas with your own lecture notes, assignments, course outlines, and permitted practice questions.

A simple way to begin

- Choose one course you want to improve.
- Complete the course audit in Chapter 2.
- Use the timetable in Chapter 3 to schedule three realistic study blocks.
- Try active recall and practice questions during those blocks.
- Use the trackers to review progress each week.

The five-part learning loop

STAGE	ACTION	CHECK
Understand	Study a manageable section and clarify its meaning.	Can I explain the main idea?
Recall	Close the material and retrieve it from memory.	What can I remember without looking?
Apply	Answer a question or solve a problem.	Can I use the idea correctly?
Correct	Compare with reliable notes or feedback.	Why was my answer incomplete or wrong?
Revisit	Return after a gap and test again.	Can I still answer it later?

A useful rule: a study session is not complete simply because the time has passed. Finish with evidence—an answered question, a summary from memory, a solved problem, or a list of gaps to repair.

PART I — BUILD YOUR STUDY FOUNDATION

Build a method that fits your courses, time, and life.

1. Why Hard Work Alone Is Not Always Enough

Many students work hard and still feel unprepared. They attend lectures, copy notes, highlight paragraphs, and spend long hours reading. Those activities can help, but they do not always reveal whether the student can recall the information, explain it clearly, or apply it to a new question.

Effort matters, but the method matters too

Imagine two students preparing for a test. Student A reads a chapter three times and feels familiar with it. Student B reads a section once, closes the book, writes what they remember, checks what they missed, and answers two questions. Student B may feel less comfortable because recall is demanding, but that difficulty provides useful feedback about what they know.

This does not mean reading is useless. Reading helps you understand new material. The key is to combine it with retrieval, application, correction, and review.

The difference between activity and learning

ACTIVITY	WHAT IT CAN DO	WHAT TO ADD
Reading notes	Introduce or clarify concepts.	Close the notes and explain the idea.
Highlighting	Mark information you may revisit.	Turn important points into questions.
Copying notes	Create a record of material.	Summarise in your own words.
Watching a lesson	Provide explanation or demonstration.	Pause and solve a problem independently.
Group discussion	Expose you to other explanations.	Test each person with questions.

A realistic definition of progress

Progress is not only the number of pages covered. It is also being able to explain a concept without reading, choose the correct method for a problem, answer more questions accurately, or identify a misunderstanding you previously missed.

Chapter task

Think about your last study session. What did you do, and what evidence showed that you had learned something? Write one change you will make in your next session.

My next-session change: _____

2. Understand the Course Before You Study

A good plan begins with knowing what you are expected to learn. Without that, it is easy to spend too much time on familiar topics and leave difficult or important areas until too late.

Step 1: gather the right materials

- Course outline or syllabus, including learning outcomes.
- Lecture notes, slides, recommended readings, and tutorial sheets.
- Assignments, quizzes, and feedback already returned.
- Past questions or sample questions officially made available.
- Exam instructions, assessment format, and any permitted materials.

Step 2: turn the course into a topic map

Write the major topics in a list. For each topic, record what you must be able to do: define, explain, compare, calculate, interpret, evaluate, draw, or apply. These verbs matter because they tell you what kind of practice to do.

LEARNING VERB	WHAT IT ASKS YOU TO DO
Define	Give the meaning clearly and accurately.
Explain	Show how or why something happens.
Compare	Identify similarities and differences.
Calculate	Choose a method, show working, and obtain an answer.
Analyse	Break information into parts and explain relationships.
Evaluate	Judge using reasons, evidence, and relevant criteria.
Apply	Use a concept or method in a particular situation.

Step 3: rate confidence and importance

Give each topic a confidence score from 1 to 5 and an importance score from 1 to 5, using course outcomes and assessment guidance rather than rumours. Start with topics that matter and that you do not yet understand well.

TOPIC	CONFIDENCE 1-5	IMPORTANCE 1-5	NEXT STEP
_____	—	—	_____
_____	—	—	_____
_____	—	—	_____
_____	—	—	_____

Example: for a statistics course, you might know how to calculate a mean but struggle to interpret a standard deviation. Your plan should include practice explaining what the result means, not only repeating the calculation.

Chapter task: complete a topic map for one course before your next study session.

3. Build a Realistic Study System

A timetable should support your life, not pretend that you have no other responsibilities. Start with the hours you genuinely have and protect a few focused sessions each week. Consistency usually beats an ambitious schedule that lasts only two days.

Build the week in the right order

- Write down fixed commitments first: lectures, work, travel, meals, family responsibilities, and sleep.
- Identify your most alert periods and assign demanding topics to them when possible.
- Schedule specific tasks rather than broad labels such as “read course.”
- Include review sessions and practice questions, not only new material.
- Leave buffer time for delays and unexpected assignments.

Use a focused study block

PHASE	SUGGESTED TIME	ACTION
Set up	2 minutes	Choose one target and prepare materials.
Learn	15–25 minutes	Read or work through one manageable section.
Retrieve	5–10 minutes	Close notes and write or explain what you remember.
Practise	10–20 minutes	Answer a question or solve a problem.
Review	3 minutes	Correct errors and plan the next review.

These times are flexible. A difficult calculation may need a longer block; a short definition review may need less. Take breaks before concentration drops sharply.

Sample weekly timetable

DAY	MAIN TASK	REVIEW TASK
Monday	Course A: clarify two difficult concepts	Recall last lecture
Tuesday	Course B: solve practice questions	Correct errors
Wednesday	Course C: make a topic map and self-test	Review Monday topic
Thursday	Course A: timed practice	Update error log
Friday	Mix questions from two courses	Review weak areas
Saturday	Longer practice session	Plan next week
Sunday	Light revision and preparation	Rest and reset

When you miss a session

Do not treat one missed block as the end of the plan. Decide whether the task is urgent, move it to a realistic opening, and continue with the next scheduled priority. If you repeatedly miss a particular time, change the timetable instead of blaming yourself.

Chapter task

Schedule three study blocks for the next seven days. Write the exact task you will finish in each one.

DATE / TIME	COURSE AND TASK	HOW I WILL CHECK IT
_____	_____	_____
_____	_____	_____
_____	_____	_____

PART II — LEARN AND REMEMBER

4. Active Recall: Practise Remembering

Active recall is the act of trying to retrieve information from memory before looking at the answer. It can feel harder than rereading because you must generate the answer yourself. That effort is useful: it reveals gaps that passive review can hide.

The close–recall–check method

- Study a small section until its main idea makes sense.
- Close the book, hide the slides, or turn the page over.
- Write or say what you remember in your own words.
- Compare your answer with the original material.
- Correct missing or inaccurate points, then test yourself again later.

Example: a business student studying marketing

After studying the marketing mix, close the notes and answer: “What are the four Ps? Explain each one and give an example of how a small business might use it.” Then check the answer. If you remember the names but cannot explain them, you have found a specific gap to practise.

Four recall methods

METHOD	HOW TO USE IT	BEST FOR
Blank-page recall	Write everything you remember about a topic, then compare.	Broad concepts and lecture reviews.
Question cards	Put a question on one side and a concise answer on the other.	Definitions, formulas, steps, and terms.
Teach-back	Explain the idea aloud as if teaching a beginner.	Concepts and processes.
Practice prompts	Answer questions without notes, then mark them.	Exam preparation and application.

Make questions that require thinking

- Instead of “What is photosynthesis?” ask “How would reduced light affect photosynthesis, and why?”
- Instead of copying a formula, ask “When should I use this formula, and what do the variables mean?”
- Instead of memorising an essay, ask “What are the main arguments, and what evidence supports each one?”

Common mistake: checking too quickly

Give yourself a genuine attempt before checking the answer. If you get stuck, write what you know, identify the exact point of confusion, and then consult a reliable source. The aim is productive effort, not frustration.

Chapter task: write five questions for a topic and answer them without looking at your notes.

5. Spaced Revision and Interleaving

Spaced revision means returning to material over time instead of trying to learn everything in one sitting. Interleaving means mixing related topics or question types once you have learned the basics. Both can help you practise remembering and choosing the right approach.

A simple spaced review plan

WHEN	REVIEW ACTION	CHECK
Same day	Summarise the main idea and recall it.	What are the key points?
Next day	Answer questions without notes.	What did I forget?
3 days later	Mix old and new questions.	Can I distinguish similar ideas?
1 week later	Complete a short quiz or practice set.	What still needs work?
Before the exam	Do timed mixed practice and revisit errors.	Can I use it under time pressure?

This schedule is a flexible starting point, not a rule for every learner or every topic. Difficult material may need more frequent review. If the exam is near, focus on high-priority topics and use practice results to guide the remaining time.

Why mixing topics can help

When you practise only one type of problem repeatedly, you may learn to repeat the same steps without recognising when to use them. Once you understand the basics, mix question types. For example, in mathematics, alternate between equations, graphs, and word problems. Before solving each question, decide which method fits and explain why.

Spaced-revision tracker

TOPIC	SAME DAY	+1 DAY	+3 DAYS	+1 WEEK
_____	■	■	■	■
_____	■	■	■	■
_____	■	■	■	■
_____	■	■	■	■

Forgetting is information

If you forget an answer, do not simply mark the topic as hopeless. Check the explanation, practise retrieving the correct answer, and schedule another attempt. The tracker is there to guide your next action, not to judge you.

6. Notes That Help You Think

Notes are useful when they help you understand, organise, and retrieve information. They become less useful when most of your study time goes into copying long passages without checking whether you understand them.

A five-part note

PART	WHAT TO INCLUDE
1. Topic	The topic or learning outcome.
2. Main idea	A short explanation in your own words.
3. Key details	Definitions, steps, formulas, evidence, or distinctions.
4. Example	A worked example, case, diagram, or real-life application.
5. Self-test	Two to five questions to answer later without notes.

Example: budgeting

Main idea: a budget is a plan for expected income and spending over a period. Key details: list income, fixed costs, variable costs, and savings; compare planned spending with actual spending. Example: a student tracks transport, meals, printing, mobile data, and emergency costs. Self-test: what is the difference between a fixed and a variable cost?

Choose a format that matches the content

- Use a flowchart for processes with stages.
- Use a comparison table for concepts that are easy to confuse.
- Use a labelled diagram for structures and parts.
- Use a mind map when relationships between ideas are important.
- Use a formula sheet only if it helps you understand when and how to apply each formula.

The one-page summary

Course / topic: _____

Main idea: _____

Key terms / formulas: _____

Example or diagram: _____

Questions I still cannot answer: _____

Important: keep summaries short enough to review. A summary that becomes a copy of the textbook is not saving you time.

7. Focus, Motivation, and Study Environment

Motivation changes from day to day. A reliable system does not depend on feeling inspired every time; it makes starting easier and gives you a clear next step.

Prepare your environment

- Choose one study target before you begin.
- Keep the materials you need nearby to reduce unnecessary interruptions.
- Put your phone on silent or out of reach during a focused block.
- Use a timer if it helps you notice how long you have worked.
- If your environment is noisy, look for a quieter time or place when practical.

Use the ten-minute start

When a task feels too large, promise yourself only ten minutes of focused work. Choose one question, one page, or one concept. After ten minutes, decide whether to continue. Starting small can reduce the resistance that comes from imagining the entire workload at once.

When motivation is low

WHAT YOU NOTICE	A PRACTICAL RESPONSE
You feel overwhelmed.	Break the topic into a single question or small step.
You keep checking your phone.	Put it out of reach and use planned breaks.
You keep rereading.	Switch to blank-page recall or a practice question.
You do not understand.	Find the exact gap and ask a lecturer, tutor, or classmate.
You missed a study session.	Restart with the next priority and adjust the plan.
You feel exhausted.	Take a proper break and protect your sleep routine.

Rest supports learning

Sleep, breaks, food, hydration, and movement affect your ability to concentrate. Do not make all-night study your normal strategy. If time is short, prioritise important gaps, practise actively, and allow yourself a reasonable opportunity to rest.

Personal reflection

My biggest distraction: _____

One change I will try for seven days: _____

My preferred study time and why: _____

PART III — PRACTISE FOR THE EXAM

8. Practise Questions and Learn From Errors

Practice questions show whether you can use what you have learned. They also help you discover the way questions are worded and the depth of explanation expected. Use questions from tutorials, assignments, textbooks, and authorised past papers.

A four-step practice routine

- Attempt the question without looking at the answer or notes.
- Work under a time limit when preparing for a timed assessment.
- Mark your response using a reliable solution, rubric, course material, or feedback.
- Record the error and retry a similar question later.

Build an error log

Do not write only “wrong.” Name the reason: misunderstood the question, forgot a definition, chose the wrong formula, skipped a step, made an arithmetic error, or ran out of time. Each reason suggests a different solution.

TOPIC / QUESTION	ERROR TYPE	CORRECTION	RETRY DATE
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

How to review a wrong answer

- Find the first step where your reasoning went wrong.
- Explain the correct method in your own words.
- Complete the corrected question without copying the solution line by line.
- Try a similar question later to check whether the correction has stuck.

Your score is feedback

A low practice score can be discouraging, but it is useful if you act on it. Identify the two or three most frequent errors and spend the next sessions repairing those gaps. Do not repeatedly take tests without reviewing what they reveal.

9. Answer Different Question Types

Different questions demand different kinds of thinking. Read the command word, identify the topic and limits, and plan a response that fits what is being asked.

Common command words

COMMAND	WHAT TO DO
State / list	Give the requested facts or items clearly.
Define	Give a precise meaning, including essential features.
Describe	Set out the main features or stages.
Explain	Show how or why, using logical links.
Compare	Discuss similarities and differences.
Discuss	Present relevant points and develop them with explanation or evidence.
Analyse	Break the issue into parts and explain relationships.
Evaluate	Make a reasoned judgement using evidence or criteria.

For essay questions

- Underline the command word and key subject.
- Spend a short time planning the main points in a logical order.
- Make each paragraph do a job: state the point, explain it, and support it with an example or evidence when appropriate.
- Use course terminology accurately but explain it clearly.
- Check that your conclusion or final sentence answers the question.

For calculation questions

- Write the known information and the quantity you need to find.
- Choose the method or formula and understand why it applies.
- Show working clearly so your method can be followed.
- Check units, signs, rounding, and whether the answer is reasonable.
- Practise choosing the right method from mixed questions.

For multiple-choice questions

- Read the whole question before looking at the options if possible.
- Try to form an answer first, then compare it with the choices.
- Eliminate options that contradict course principles.
- Watch for words such as “always,” “never,” “except,” and “most likely.”
- Do not change an answer without a reason grounded in the question or your knowledge.

For case studies or practical scenarios

- Identify the issue or task in the scenario.
- Select the relevant concept, rule, or method.
- Apply it to the facts given rather than writing a generic explanation only.
- Justify your recommendation or conclusion.

10. Group Study, Help-Seeking, and Academic Integrity

Studying with others can help you hear different explanations, test your understanding, and remain accountable. It works best when the group has a clear purpose and everyone participates.

Make group study productive

- Agree on one topic and a time limit before meeting.
- Take turns explaining concepts without reading from notes.
- Attempt questions individually before discussing the answers.
- Ask each other “why?” and “how do you know?” rather than only sharing final answers.
- Finish by listing the gaps each person needs to work on alone.

Ask for help early and specifically

Instead of saying “I don’t understand the whole course,” bring a specific question. For example: “I understand the first two steps of this calculation, but I do not understand why this formula is used in the third step.” Show what you tried and where you became stuck. This makes the conversation more useful.

Academic integrity matters

Use authorised materials and follow your institution’s rules about collaboration, citation, calculators, notes, AI tools, and permitted resources. Do not rely on leaked questions, copy another student’s work, or submit work that you are not allowed to present as your own. Understanding the material protects both your learning and your academic standing.

A simple question to take to a lecturer or tutor

Course / topic: _____

What I understand so far: _____

Where I get stuck: _____

My specific question: _____

PART IV — EXAM PREPARATION AND ACTION

11. The 14-Day and 7-Day Revision Plans

If you have two weeks, spread learning, practice, and correction across the available days. If you have only one week, use the shorter plan to prioritise the biggest gaps. In either case, let your practice results guide the plan.

The 14-day plan

DAY	FOCUS	TASK
1	Audit	List topics, assessment format, and confidence levels.
2–3	Repair foundations	Review difficult concepts and use active recall.
4–5	Practice	Answer topic-based questions and correct mistakes.
6	Review	Revisit weak topics from earlier sessions.
7	Checkpoint	Complete a short mixed quiz and adjust priorities.
8–9	Build application	Practise longer answers, calculations, or cases.
10	Spaced review	Test older topics without notes.
11–12	Timed practice	Complete sections under exam-like conditions.
13	Correct and consolidate	Review error log, formulas, key definitions.
14	Prepare and rest	Organise materials, light review, and sleep.

The 7-day plan

DAY	PRIORITY
1	Map the course, rate confidence, select high-priority gaps.
2	Repair difficult foundations; practise recall.
3	Answer topic-based questions; correct errors.
4	Revisit earlier topics and mix question types.
5	Complete a timed practice section.
6	Review errors, weak topics, and key summaries.
7	Light review, prepare materials, and rest.

If you have less than seven days

Avoid trying to read every page at the same depth. Start with the course outcomes, identify important topics you do not understand, and complete practice questions that reveal gaps. Give some time to each course, but do not spend the whole period polishing notes that you never test.

12. Exam-Day Strategy

Exam day is the time to use what you prepared. A simple routine reduces avoidable stress and helps you give attention to the questions.

The day before

- Confirm the venue, time, transport, and any permitted materials.
- Review key summaries and errors rather than trying to relearn every chapter.
- Prepare your student ID, pens, approved calculator, and other required items.
- Avoid an all-night study session if you can; give yourself a reasonable chance to rest.

When the exam begins

- Read the instructions carefully, including required questions and answer choices.
- Scan the paper and note marks and time allocation.
- Plan your time so one difficult question does not consume the whole exam.
- Answer the question asked, using clear steps, examples, labels, or structure where appropriate.
- If you are stuck and the rules allow, move on and return later.
- Reserve time to check numbering, unanswered parts, calculations, and instructions.

Example of time budgeting

For a 120-minute exam, one possible plan is 5 minutes to read instructions, 105 minutes to answer, and 10 minutes to review. The correct allocation depends on the paper and its marking scheme, so adjust it to your situation.

If anxiety rises

Pause briefly, breathe slowly, and return to the specific instruction in front of you. Start with a part you can answer if the paper allows you to choose the order. If anxiety regularly disrupts your studies or exams, consider seeking support through your institution's student services or a qualified professional.

Exam-day checklist

CHECK	DONE
I know the venue and start time.	■
I have my ID and permitted materials.	■
I reviewed my key summaries and error log.	■
I planned transport and extra time.	■
I will read the instructions carefully.	■
I will manage time and check my work.	■

13. Worksheets, Trackers, and Personal Action Plan

Use these pages repeatedly. They are designed to turn the ideas in the book into decisions and actions for your real courses.

Worksheet A — Course audit

Course name: _____

Exam / assessment date: _____

TOPIC	CONFIDENCE 1-5	IMPORTANCE 1-5	NEXT ACTION
_____	___	___	_____
_____	___	___	_____
_____	___	___	_____
_____	___	___	_____

Worksheet B — Weekly study plan

DAY / TIME	COURSE	SPECIFIC TASK	DONE
_____	_____	_____	■
_____	_____	_____	■
_____	_____	_____	■
_____	_____	_____	■
_____	_____	_____	■

Worksheet C — Error log

QUESTION / TOPIC	WHAT WENT WRONG	CORRECTION / RETRY
_____	_____	_____
_____	_____	_____
_____	_____	_____

Worksheet D — Weekly scorecard

CHECK-IN	MY NOTES
Focused blocks planned / completed	Planned: ____ Completed: ____
Topics I can explain without notes	_____
Questions or problems practised	_____
Most common error	_____
Topic to revisit	_____
What worked well	_____
What I will change next week	_____

Worksheet E — Personal action plan

My main academic goal for the next 30 days:

My three most important actions:

ACTION	WHEN	HOW I WILL CHECK
_____	_____	_____
_____	_____	_____
_____	_____	_____

My biggest obstacle and my response:

Obstacle: _____

Response: _____

My first study session will begin on: _____

Conclusion: Make the Method Your Own

You do not need to change every habit at once. Start with one course, one realistic timetable, and one method you can repeat. Learn enough to understand the topic, close your notes and retrieve what you remember, practise questions, correct errors, and revisit the material later.

Your progress may not be perfectly smooth. Some topics will take longer, some practice scores will disappoint you, and your schedule may change. Use those moments as information. Adjust your plan, ask for help where necessary, and keep working with a method you can sustain.

The goal is not to study endlessly. The goal is to study with purpose and to be better prepared to demonstrate what you know.

Glossary of Key Terms

TERM	PLAIN-LANGUAGE MEANING
Active recall	Trying to remember information before checking the answer.
Spaced revision	Reviewing material across time rather than in one long session.
Interleaving	Mixing related topics or question types during practice.
Error log	A record of mistakes, their causes, and how to correct them.
Learning outcome	What a course expects you to know or be able to do.
Timed practice	Answering questions within a set period to practise exam conditions.
Academic integrity	Following rules for honest study, assessment, citation, and collaboration.

Further Reading and Study Resources

The methods in this book are practical summaries of widely used learning strategies. For deeper study, look for reputable educational research and university learning-support resources on retrieval practice, spaced practice, feedback, note-making, and exam preparation.

Suggested starting points

- The Learning Scientists — student-friendly explanations and downloadable materials about evidence-informed learning strategies.
- University learning centres — many provide free guides on active learning, time management, exam preparation, and academic writing.
- Your institution's library and lecturers — use your course's recommended textbooks and official learning materials as the primary source for subject content.

When using external study advice, check who produced it, what evidence supports it, and whether it fits your course and assessment format. No single method replaces understanding the subject or following your institution's rules.

STUDY SMART. PRACTISE HONESTLY. KEEP IMPROVING.

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