Application Key points:

Scope:

CPL and ATPL MCQ (question bank), for Indian market. Consisting of five main study/test areas:

Format will be uniform for all test types.

- **Mock Exam,** (Status bar as per the below images, with question number, indicated completed, remaining questions, next, back, end test button, flag, pin. Clock turning amber for the last 10 minutes and red for the last 5 minutes.)
- Navigation, (Status bar as per the below images, with question number, indication of questions completed, remaining questions, next button, back button, flag, pin and end test button.)
- Radio Aids; (As per above status bar instruction)
- Meteorology, (As per above status bar instruction) and;
- Regulations, (As per above status bar instruction).

Each area comprises of approximately 25 chapters, with a further 8 to 10 subchapters.

For each subject there will be around 4,000-6,000 questions.

There will be explanations around 60% of questions where required (including some images).

- Question - App should be able to shuffle/ randomise the questions and answers to provide a unique test on every attempt. – This must be available for both sub-chapters and mock exam.
- The order of the sub-chapters is permanent and must not change.

Policy:

- Monetisation Strategy:
  o 1, 3, 6, and 12-month subscription.
  o Competitive pricing.
  o Referral code to encourage new user purchase (to be reviewed regularly).
    ▪ New subscriber, will get a reward.
- App:
  o Android. (Oreo 8.0 onwards).
  o ios (10 onwards).
  o Browser based.
    ▪ **App will be Offline.**
    ▪ **No** in app advertising.
    ▪ **No** credit point or reward system.
    ▪ **No** in app study material.
    ▪ **No** videos.
    ▪ **Single user only** (No multiple logins)
- Login for administrators required, for upload and maintenance of questions.

Colour Scheme:

- Indian flag colours. (white, Saffron and Green).

Target Audience:

- **Age Group: 18-40**
  - 10+2 students.
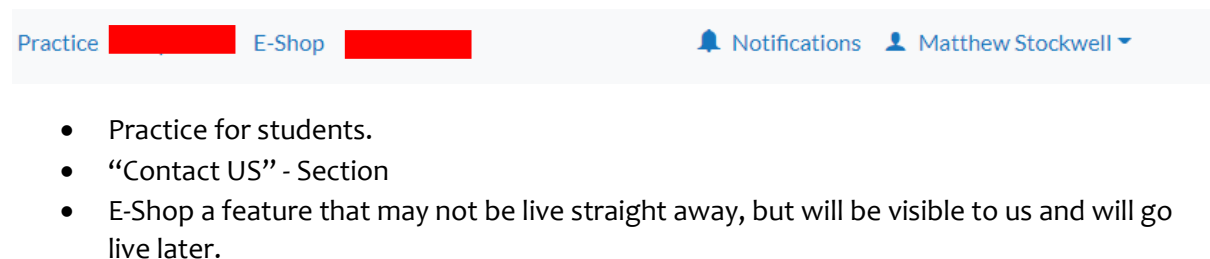 - First officers.

Format:

There will be 2 main formats: one for the mock exam and one for the four study areas.

Question will have 3 multiple choice options:

- 2 incorrect with a red cross, and;
- 1 correct with a green tick, with associated explanation with the correct answer.

For the study questions you will have an indication of the questions you have answered correctly. No time required for practice questions.

Menu bar:

Practice   E-Shop   🔔 Notifications   👤 Matthew Stockwell ▾

- Practice for students.
- "Contact US" - Section
- E-Shop a feature that may not be live straight away, but will be visible to us and will go live later.

Study Area Layout:

Required:

- Images will require designing.
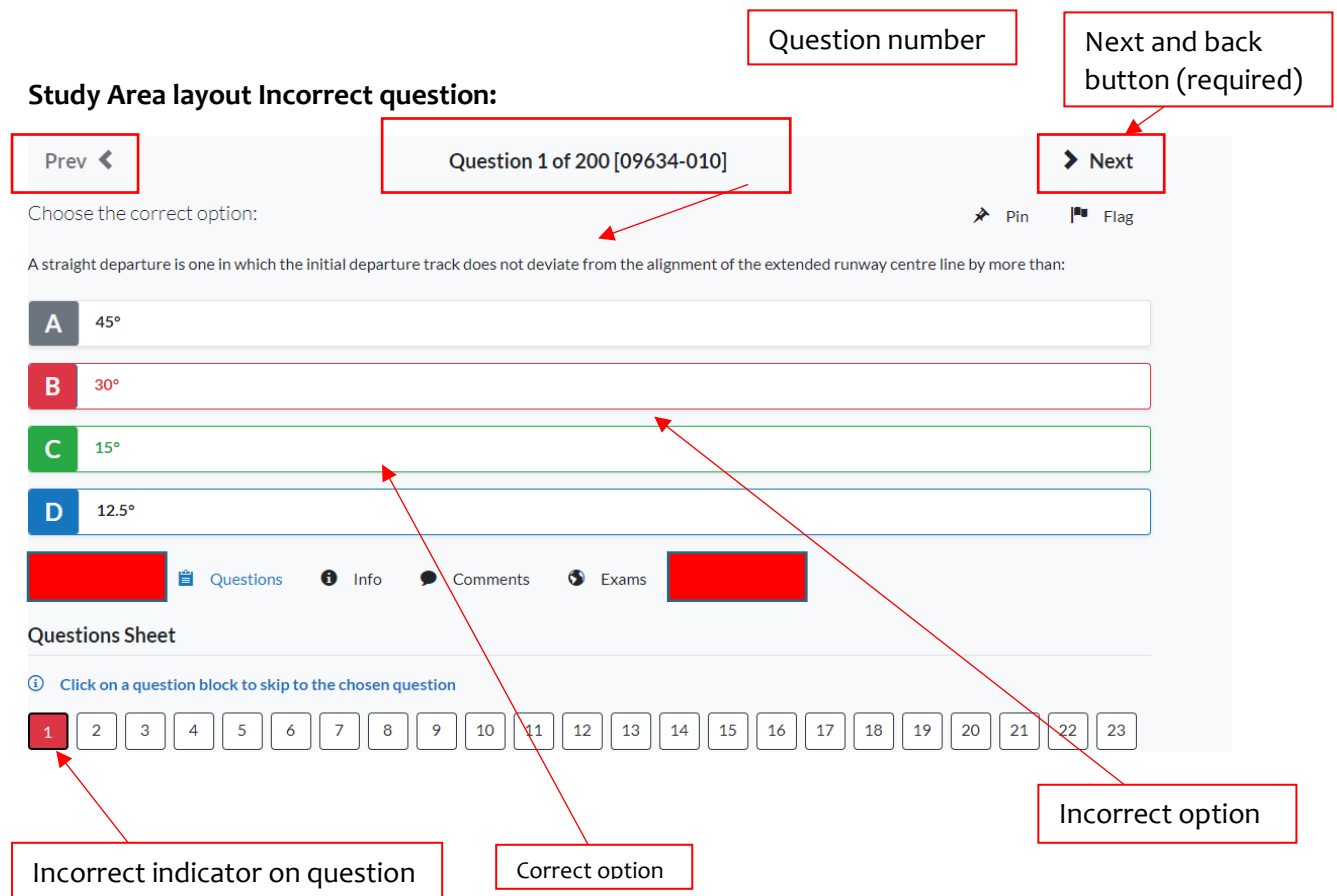
Image and title

Air Law

- Each exam/study area will have a reference code (1 – 5) – For chapters and subchapters.

v.4

3 choices of Study, Mock exam or Last 200 questions (Most recent)

Air Law

Name of exam

Pick a practice session type

Take a Mock Timed Exam

Test the Latest 200 Questions

Build a Personalised Test

Option for mock test, most recently seen and personalised test, using chapter /sub chapter number

Question number

Next and back button (required)
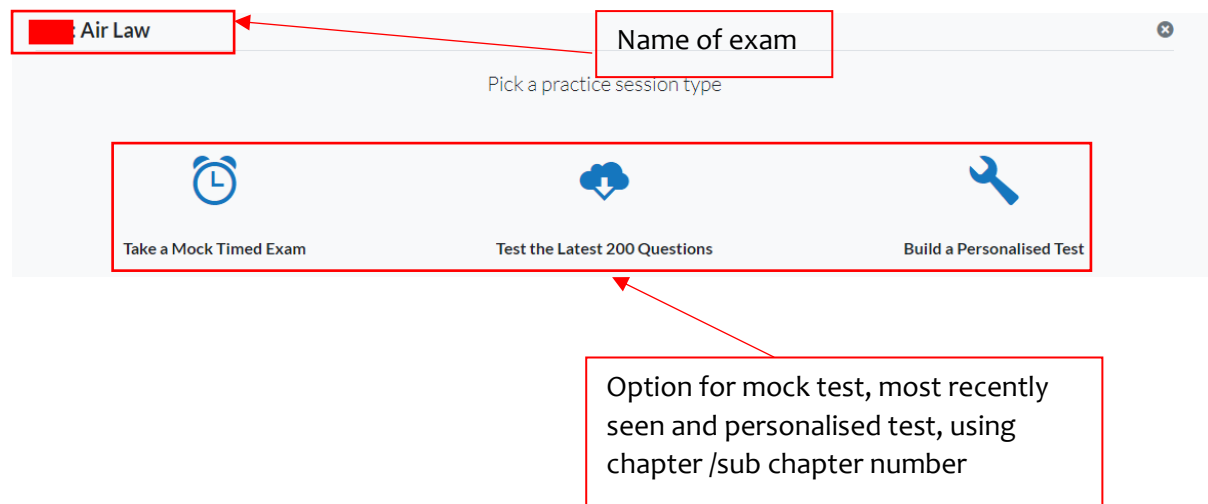
Study Area layout Incorrect question:

Prev ◀

Question 1 of 200 [09634-010]

❯ Next

Choose the correct option:

📌 Pin   🏴 Flag

A straight departure is one in which the initial departure track does not deviate from the alignment of the extended runway centre line by more than:

A	45°
B	30°
C	15°
D	12.5°

📋 Questions   ❶ Info   💬 Comments   🌐 Exams

Questions Sheet

ⓘ **Click on a question block to skip to the chosen question**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |

Incorrect option

Incorrect indicator on question

Correct option

v.4

Study Area layout correct Question:

Flag – Long term referencing
(Will highlight the question until removed)

Pin short term referencing. (During exam/practice only)

| Prev ‹ | Question 2 of 200 [10087-010] | › Next |

Choose the correct option: 📌 Pin 🚩 Flag

A person who is or will be refused admission to a state by its authorities is deemed:

A	**An inadmissible person**
B	A person in custody
C	An unruly passenger
D	A deportee

📋 Questions ⓘ Info 💬 Comments 🌐 Exams

Questions Sheet

ⓘ **Click on a question block to skip to the chosen question**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |

Required – Comment, information (which will have explanation) – Nice to have (exam & responder)

Explanation (short and may not be required for all questions)

Explanation

An Inadmissible person is one who is or will be refused admission by a State by its authorities.

Images

Reference of chapter/Sub chapter

Air Law

- Around 30-40% of explanations and questions will have images.

Mock Exam layout:

Clock for Exam (Required)

Practice

(0:59:49 remaining)

Prev ‹	Question 1 of 44 [10054-010]	› Next

Choose the correct option: 📌 Pin   🚩 Flag

Low intensity obstacle lights on mobile objects shall be:

A	Fixed red or preferably blue

B	Flashing red or preferably yellow

C	Fixed red or preferably orange

D	Flashing blue

📋 Questions   ℹ Info   🌐 Exams

Either to side or above

ℹ **Click on a question block to skip to the chosen question**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39	40	41	42	43	44														

Current Stats

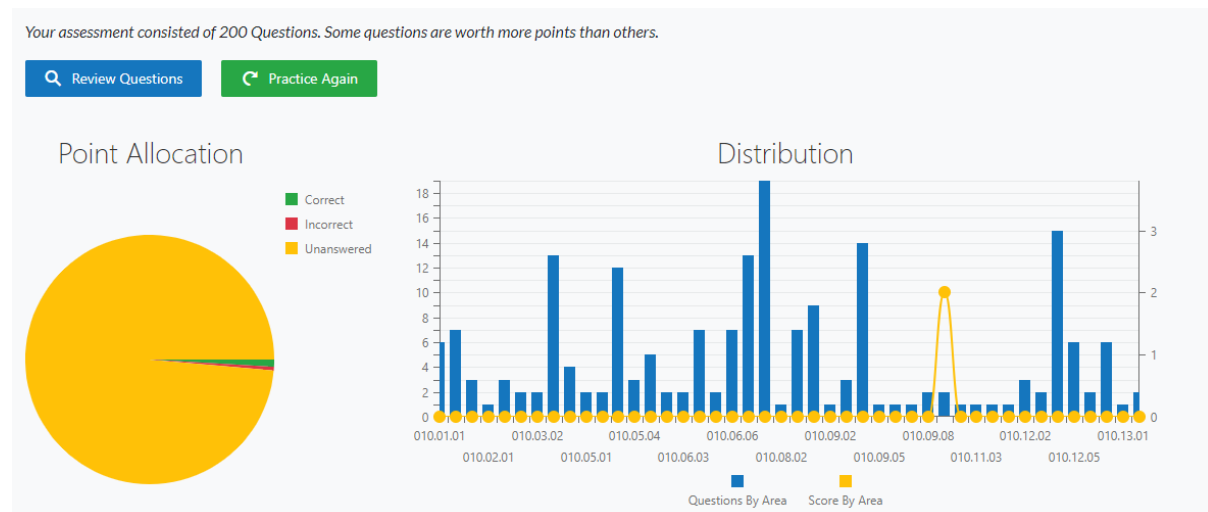👁 0 of 44 questions answered

Indication of questions seen and how many answered.

Student Analysis:

- **All required and must provide individual data ONLY.**

Your assessment consisted of 200 Questions. Some questions are worth more points than others.

🔍 Review Questions   ↻ Practice Again

Point Allocation

■ Correct
■ Incorrect
■ Unanswered

Distribution

Questions By Area   Score By Area

Depiction, but something similar is required.

Point allocation, distribution of question, correct and incorrect all required.