

Kerala Flight Academy

Pilot Scholarship Assessment

Offline OMR Examination — Syllabus and Assessment Framework

✎ 100 QUESTIONS

🕒 150 MINUTES

📄 PAPER-BASED MCQ

Examination Overview

The KFA Pilot Scholarship Assessment is a standardized, paper-based multiple-choice examination designed to identify candidates with the aptitude, reasoning ability, communication skills, safety awareness, and general potential required for professional pilot training. The assessment will be conducted at designated centres in different cities using printed question papers and OMR answer sheets.

Parameter	Details
Mode	Offline / Paper-Based
Question Format	Multiple Choice Questions (MCQ)
Answer Method	OMR Answer Sheet
Total Questions	100
Total Marks	100
Duration	150 Minutes
Options per Question	4 — A, B, C and D
Correct Answers	One correct answer per question
Prior Aviation Training	Optional

Assessment Structure

The examination covers six assessment areas, totaling 100 questions and 100 marks. The highest weightage is assigned to Pilot Aptitude and English & Professional Communication (25% each), reflecting the assessment’s focus on core competencies for pilot training.

Section	Assessment Area	Weightage	Questions	Marks
A	Pilot Aptitude	25%	25	25
B	Aviation Knowledge & Awareness	10%	10	10
C	Numerical & Logical Reasoning	15%	15	15
D	Situational Judgement & Safety Awareness	15%	15	15
E	English & Professional Communication	25%	25	25
F	General Awareness & Practical Knowledge	10%	10	10
TOTAL		100%	100	100

Detailed Syllabus — Sections A to C

A. Pilot Aptitude — 25% Spatial awareness; direction and orientation; visual perception; observation skills; attention to detail; concentration; memory and recall; pattern recognition; sequencing; information processing; speed and accuracy; following instructions; multitasking; basic coordination; reaction and response; identifying changes and differences; mental rotation and orientation; logical arrangement of information.	B. Aviation Knowledge & Awareness — 10% Introduction to aviation; history and development; types of aircraft; basic components and flight controls; cockpit and flight deck awareness; principles of flight; aerodynamics; instruments; flight phases; terminology; abbreviations; ATC awareness; pilot roles and responsibilities; aviation weather; safety; navigation; communication; major Indian airports; Indian and international airlines; DGCA and ICAO awareness.	C. Numerical & Logical Reasoning — 15% Basic arithmetic; fractions; decimals; percentages; ratios; averages; speed, time, and distance; unit conversions; time calculations; estimation; number and letter patterns; logical sequences; analogies; classification; coding and decoding; basic algebra; data interpretation; tables and charts; verbal and non-verbal reasoning; analytical problem solving.
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Detailed Syllabus — Sections D to F

D. Situational Judgement & Safety Awareness — 15% Situational awareness; safety-first thinking; identifying hazards; risk awareness; decision-making; following procedures; importance of checklists; personal responsibility; accountability; teamwork; communication in difficult situations; managing pressure; handling unexpected situations; prioritizing tasks; professional behaviour; discipline; conflict management; emergency awareness; reporting unsafe situations; learning from mistakes; basic human factors; Crew Resource Management awareness.	E. English & Professional Communication — 25% Grammar; sentence structure; vocabulary; synonyms and antonyms; correct word usage; commonly confused words; sentence completion; error identification; correction; tenses; prepositions; articles; conjunctions; reading comprehension; understanding written information; interpretation of instructions; passage-based questions; identifying main ideas; drawing conclusions; clear and effective communication; professional language; workplace and team communication; communication etiquette; situational and aviation communication awareness.	F. General Awareness & Practical Knowledge — 10% Basic geography; countries and capitals; major cities; continents and oceans; major airports; maps and directions; time zones; weather awareness; seasons and climate; basic science; everyday technology; transportation; India and world awareness; important national and international organizations; current affairs; travel awareness; general safety; everyday problem solving; practical decision making; basic financial awareness; common general knowledge.
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Difficulty Distribution & Assessment Philosophy

Recommended Difficulty Distribution

Questions are distributed across three difficulty levels to ensure a balanced and fair assessment of all candidates.

- Easy — 30%
- Moderate — 50%
- Challenging — 20%

Assessment Philosophy

The scholarship assessment evaluates potential rather than existing aviation knowledge. Greater weight is given to pilot aptitude, English and professional communication, reasoning, and situational judgement.

- Pilot Aptitude:** Does the candidate demonstrate the basic aptitude required to learn to fly?
- Aviation Knowledge:** Does the candidate demonstrate basic awareness and interest in aviation?
- Reasoning:** Can the candidate analyse information and solve problems?
- Situational Judgement:** Can the candidate make sensible, responsible, and safety-conscious decisions?
- English & Communication:** Can the candidate understand and communicate effectively in English?
- General Awareness:** Does the candidate demonstrate general awareness and practical thinking?