



## ETAPro "WRITTEN TEST" PLANNING SHEET

STUDENT NAME:

GENERAL EXAM DATE:

AIRFRAME EXAM DATE:

POWERPLANT EXAM DATE:

### SECTION I – AVIATION MECHANIC GENERAL

|   | TOPIC  | NUMBER OF QUESTIONS | STUDY STARTING DATE | STUDY FINISH DATE | BEST SCORE % |
|---|--|---------------------|---------------------|-------------------|--------------|
| A | FUNDAMENTALS OF ELECTRICITY AND ELECTRONICS              | 123                 |                     |                   |              |
| B | AIRCRAFT DRAWINGS  | 59                  |                     |                   |              |
| C | WEIGHT AND BALANCE                                       | 55                  |                     |                   |              |
| D | FLUID LINES AND FITTINGS                                 | 35                  |                     |                   |              |
| E | AIRCRAFT MATERIALS, HARDWARE, AND PROCESSES              | 78                  |                     |                   |              |
| F | GROUND OPERATIONS AND SERVICING                          | 41                  |                     |                   |              |
| G | CLEANING AND CORROSION CONTROL                           | 35                  |                     |                   |              |
| H | MATHEMATICS  | 76                  |                     |                   |              |
| I | REGULATIONS, MAINTENANCE FORMS, RECORDS AND PUBLICATIONS | 108                 |                     |                   |              |
| J | PHYSICS FOR AVIATION                                     | 33                  |                     |                   |              |
| K | INSPECTION CONCEPTS AND TECHNIQUES                       | 22                  |                     |                   |              |
| L | HUMAN FACTORS  | 8                   |                     |                   |              |

### SECTION II – AIRFRAME STRUCTURES

|   |                                      |     |  |  |  |
|---|--------------------------------------|-----|--|--|--|
| A | METALLIC STRUCTURES                  | 130 |  |  |  |
| B | NON-METALLIC STRUCTURES              | 96  |  |  |  |
| C | FLIGHT CONTROLS                      | 61  |  |  |  |
| D | AIRFRAME INSPECTION                  | 13  |  |  |  |
| E | LANDING GEAR SYSTEMS                 | 97  |  |  |  |
| F | HYDRAULIC AND PNEUMATIC SYSTEMS      | 121 |  |  |  |
| G | ENVIRONMENTAL SYSTEMS                | 86  |  |  |  |
| H | AIRCRAFT INSTRUMENT SYSTEMS          | 67  |  |  |  |
| I | COMMUNICATION AND NAVIGATION SYSTEMS | 69  |  |  |  |
| J | AIRCRAFT FUEL SYSTEMS                | 114 |  |  |  |
| K | AIRCRAFT ELECTRICAL SYSTEMS          | 135 |  |  |  |
| L | ICE AND RAIN CONTROL SYSTEMS         | 28  |  |  |  |
| M | AIRFRAME FIRE PROTECTION SYSTEMS     | 32  |  |  |  |
| N | ROTORCRAFT FUNDAMENTALS              | 16  |  |  |  |
| O | WATER AND WASTE SYSTEMS              | 2   |  |  |  |

### SECTION III – POWERPLANT THEORY AND MAINTENANCE

|   |  |     |  |  |  |
|---|--|-----|--|--|--|
| A | RECIPROCATING ENGINES                              | 108 |  |  |  |
| B | TURBINE ENGINES                                    | 134 |  |  |  |
| C | ENGINE INSPECTION                                  | 30  |  |  |  |
| D | ENGINE INSTRUMENT SYSTEMS                          | 55  |  |  |  |
| E | ENGINE FIRE PROTECTION SYSTEMS                     | 33  |  |  |  |
| F | ENGINE ELECTRICAL SYSTEMS                          | 70  |  |  |  |
| G | ENGINE LUBRICATION SYSTEMS                         | 93  |  |  |  |
| H | IGNITION AND STARTING SYSTEMS                      | 133 |  |  |  |
| I | ENGINE FUEL AND FUEL METERING SYSTEMS              | 139 |  |  |  |
| J | RECIPROCATING ENGINE INDUCTION AND COOLING SYSTEMS | 75  |  |  |  |
| K | TURBINE ENGINE AIR SYSTEMS                         | 7   |  |  |  |
| L | ENGINE EXHAUST AND REVERSER SYSTEMS                | 34  |  |  |  |
| M | PROPELLERS   | 120 |  |  |  |