

**Nepal Airlines Corporation**  
**Syllabus for Flight Dispatcher Grade- VI**  
**Internal Competition**

**A. Stages and Procedures of Examination System**

| चरण              | विषय                      | अंकभार | परीक्षा प्रणाली  | प्रश्न संख्या x अङ्क       | समय              |
|------------------|---------------------------|--------|--|----------------------------|------------------|
| प्रथम चरण<br>८०% | लेखन शिप<br>सेवा सम्बन्धी | १००    | Multiple Choice Questions<br>(वस्तुगत)<br>विषयगत प्रश्नोत्तर | ३५ x २ = ७०<br>३ x १० = ३० | १ घण्टा २० मिनेट |
| द्वितीय<br>२०%   | अन्तरवार्ता               | २०     | मौखिक  |                            |                  |

**B. Content Material**

**Management and Aviation Legislation (3 subjective questions each of 10 Marks)**

a) Management

- Concepts and principles of Management: Organizational behavior, management level and function, managerial roles, importance of management. Motivation and leading people (leadership), personnel management.
- History of NAC, Organizational structure of NAC
- NAC Service rule, 2058 about performance, reward and punishment, Leave.
- NAC Financial rule.( By Laws ).
- Understanding of the rules and authority.
- Tendering procedures(Public Procurement Act and Rules)

b) Regulatory framework

- Role of ICAO/ Role of CAA Nepal (CAAN)
- General understanding of CAAN Regulations
- Flight Operations Requirement (FOR) and PELR

c) Commercial Air Transportation

- Air operators certificate ( AOC )
- Operators Responsibility
- Documents to be carried on board

d) Maintenance and dispatch requirements

**Regulation Laws**

**(5 objective questions each of 2 Marks)**

- Personnel licensing
- Flight time limitations
- Interception of Civil Aircraft
- Cruising levels
- Provision of Air traffic control Service
- Flight Information Service/ Flight Information Region
- Aircraft performance limitations
- Aero plane equipment and Instruments
- Dangerous goods regulation
- General rules, VFR and IFR

**Aeronautical metrology****(3 objective questions each of 2 Marks)**

- General Terminologies
- Weather forecasting and Services
- Operations Weather minima
- Metar

**Air Navigation****(3 objective questions each of 2 Marks)**

- Navigation aids
- Navigation and Instrument flight

**Scheduled aero-plane Performance****(7 objective questions each of 2 Marks)**

- General Knowledge
- Take-off
- En-route
- Landing
- Pavement strength
- Effect of wind, temperature and weight

**Flight Planning****(7 objective questions each of 2 Marks)**

- General knowledge
- Weight
- Metrological planning
- Performance consideration
- Fuel requirement
- Emergency Planning
- Operations manual data
- Computerized Flight Plan
- ATC Flight Plan
- NOTAM
- MEL/ CDL

**Weight and Balance****(5 objective questions each of 2 Marks)**

- Basic aero-plane weight
- Weight Limitation
- CG Limitations
- Loading limitations
- Load Trim sheets
- Load message
- Concept of DOW/DOI/OEW/OEI
- Optimum weight distribution

**Aircraft General knowledge****(5 objective questions each of 2 Marks)**

- Aircraft Engine
- Fuel system
- Pressurization system and Air-conditioning system
- Oxygen system
- Instrument Systems
- Basic flight control system

***(Note: Maximum time for objective questions will be 35 minutes. The subjective questions will be provided only after submission of objective answer sheet)***

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