

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

Time: 1 Hour 20 Minutes

Full Marks: 100

No. of Questions – 35 Objective Questions each of 2 Marks

Pass Marks: 40

3 Subjective Questions each of 10 Marks

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

All answers must be written in Black letters

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
