

SYLLABUS & WEIGHTAGE OF QUESTIONS FOR
ON-LINE EXAMINATION
ADVERTISEMENT No. 05/2020

JUNIOR EXECUTIVE (AIR TRAFFIC CONTROL)

Part-A

Weightage 50%

60 questions of total 60 marks related to:

English Language (20 Marks)

- Comprehension based questions, structure of sentences, error finding, etc.

General Intelligence / Reasoning (15 Marks)

- Direction sense test, assertion and reasoning, clock, calendar test, etc.

General Aptitude / Numerical Ability (15 Marks)

- Mental visualization, spatial orientation awareness, etc.

General Knowledge / Awareness (10 Marks)

Part-B

Weightage 50%

60 questions of total 60 marks form basics of Physics and Mathematics in concept and application:

Physics

- Electrostatics, Current Electricity, Moving Charges and Magnetism, Electro Magnetic Waves and their propagation, Optics, Electronic Devices, Laws of Motion, Scalars and Vectors, Statics and Dynamics, etc.

Mathematics

- Permutation and Combination, Probability, Three Dimensional Geometry, etc.

Duration	-	120 minutes (2 hours)
Medium	-	Hindi / English (Bilingual)