



অসম লোকসেৱা আয়োগ
ASSAM PUBLIC SERVICE COMMISSION
JAWAHARNAGAR, KHANAPARA, GUWAHATI – 781022

Syllabus for written (Conventional type) Examination for the post of Inspector
of Boilers under Labour Welfare Department, Assam.
(Advt. No. 07/2022 Dated 12-04-2022)

SUBJECT : Applied Engineering – Boiler Technology and Power Plant

Time = 3 hours

Marks = 100

- Part – I : Applied Engineering –
- (a) Basic Mathematics.
 - (b) Basic Physics & Chemistry.
 - (c) Fluid Mechanics.
 - (d) Strength of materials.
 - (e) Applied Metallurgy (Materials of Construction).
 - (f) Mechanical testing.

Part – II : Boiler Technology and Power Plant -

- (a) Theory of steam generation and utilisation.
- (b) Theory of Combustion and Heat Transmission.
- (c) Boilers Operation and Performance.
- (d) Power Plants – steam turbine plants.

Principal Controller of Examination
Assam Public Service Commission
Jawaharnagar, Khanapara, Guwahati-22